

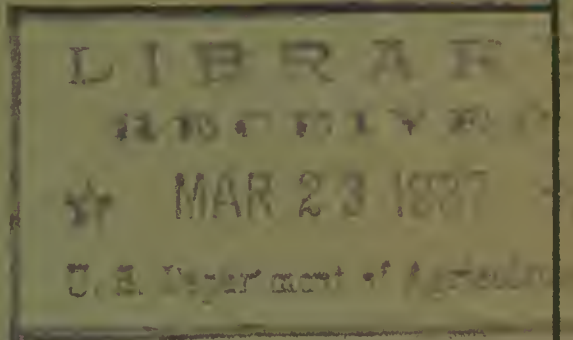
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6247
ST. LOUIS

SEED

CO.



1937



411-413 WASHINGTON AVE.

ST. LOUIS, MO.

1937 Annual Catalog

WE WANT OUR CATALOG to be a friendly medium of contact and amicable business relations. We have endeavored to give cultural directions in conjunction with the various varieties wherever possible.

When we advertise "Pure and Sure Seeds" we mean that our customers receive seeds which have been tested under varying conditions prior to sale; thus reducing to a minimum the possibility of failure.

Serving the Market Gardener, Farmer and Amateur for years, we have always kept before us the importance of "Pure and Sure Seeds" of the highest quality.

That we have succeeded in our efforts to furnish seeds of this High Quality during the years we have been in business is shown by the very gratifying increase which our business has shown year by year. We have been favored, too, with remarkably loyal support on the part of our customers, many of whom started to trade with us years ago and are with us yet. To old and new customers alike we are sincerely grateful.

Suggestions for Ordering

Phone CEntral 4100

Phone CEntral 4100

ORDER EARLY

WE WISH TO IMPRESS UPON YOU THE ADVANTAGE OF EARLY ORDERING. It is not only a convenience to us but it is also for your sake that we request this. Avoid the spring rush and have your seeds when you want them. They will not spoil, and the delay necessarily attendant during the spring will be eliminated. You will not be waiting for your seeds, when you should be planting. Our service will please you even during the busy season. Send your order now.

Remittances should be made by Post Office Money Orders, Drafts on St. Louis Banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

In filling out your orders always give Shipping Directions, and write Name and Address distinctly on each and every order.

PARCEL POST: Customers on R. F. D. routes, and beyond express delivery will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

ALL PRICES on VEGETABLE SEEDS are net, but on **PACKETS**, up to 5 LBS. **WE PRE-PAY POSTAGE, EXCEPT WHEN NOTED.**

PURCHASER PAYS TRANSPORTATION on Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; also Seed by gallon, peck and bushel.

EXPRESS AND FREIGHT CHARGES on large quantities are cheaper than Parcel Post. We charge no cartage to depots or the Express Company offices, nor do we charge for boxes, packing or for small muslin bags.

When seamless cotton bags are required they must be remitted for; 25c each.

THE PRICES QUOTED IN THIS CATALOG ARE NET. We reserve the right to advance prices without notice should current conditions require it.

PLEASE NOTE—ABOUT WARRANTING SEEDS

NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this Catalog will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

ST. LOUIS SEED COMPANY.

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St. Louis Seed Co.'s Reliable Grass Seed

Prices subject to change without notice.

All our Lawn Grasses are recleaned and tested for highest quality, purity and germination.

One pound of Lawn Seed will sow 10x30 feet; 75 to 100 pounds to the acre.

By mail, add postage.



The essentials for a good lawn are a well-drained soil and good grass seed. It is a known fact that a well-blended mixture of grasses will give better results than a separate variety. Often a separate variety of seed will not thrive on certain soil, but where there is a combination of seeds, one or more in the combination will surely thrive.

Our **Havalawn Mixture** is so well blended that it will give very satisfactory results. We recommend sowing one pound of grass seed to 300 square feet (10x30 feet). Grass seed may be sown in spring or fall. If sown in spring, sow as early as possible.

St. Louis Seed Co.'s Havalawn Mixture. Every package bears our green label—no other is genuine. Havalawn is a mixture of the finest recleaned grass seeds. Havalawn insures a steady succession of growth. Only seeds that produce fine velvety lawns are used. 1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs., \$10.00; 50 lbs., \$18.00; 100 lbs., \$35.00.

St. L. S. Co.'s Shady Lawn Mixture. This mixture is intended for all situations in partial or complete shade, and will be found valuable on grounds lying under the shadows of trees. It is a combination of fine dwarf-growing, evergreen varieties which grow naturally in shaded spots. 1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs., \$10.00; 50 lbs., \$18.00; 100 lbs., \$35.00.

Quick Results Mixture. This is intended for back yards, large playgrounds, etc., that are not in-

tended to be kept cut as closely as other front lawns, and where grass is wanted quickly to cover unsightly places. 1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.50; 25 lbs., \$5.50; 50 lbs., \$10.00; 100 lbs., \$20.00.

St. L. S. Co.'s Terrace Mixture. Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil. 1 lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.25; 25 lbs., \$10.00; 100 lbs., \$35.00.

CLOVER FOR LAWNS

White or Dutch. A low, close-growing Clover, round, white heads. Very desirable for beautifying the lawn. 1 pound covers 600 square feet. 1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs., \$10.00; 50 lbs., \$18.00.

Lawn Grasses—Separate Varieties

All strictly recleaned and carefully tested for purity and germination.

Prices subject to change without notice.

By mail, add postage.

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

Blue Grass, Kentucky (*Poa pratensis*). Fancy extra recleaned. Kentucky Blue Grass is the most nutritious, hardy and valuable of all northern grasses. Sown with white clover it forms a splendid lawn; for this purpose use 75 pounds of Blue Grass and 6 pounds of White Clover per acre. Lb., 40c; 3 lbs., \$1.10; 5 lbs., \$1.75; 10 lbs., \$3.40; 25 lbs., \$7.50; 50 lbs., \$12.50; 100 lbs., \$25.00.

Blue Grass, Canadian (*Poa compressa*). A very hardy perennial grass with creeping root-stocks. It grows on the poorest and driest soils—sandy, gravelly, or clayey, standing severe wetness or drought. Lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25; 25 lbs., \$10.00.

Bent-Astoria (*Agrostis Tenuis*). A very fine-bladed grass producing a thick turf. Lb., \$1.50; 3 lbs., \$4.00; 5 lbs., \$6.50; 10 lbs., \$12.50.

Bent, Creeping (*Agrostis* Species or South German Mixed Bent). The distinctive feature of this species is its compact, creeping rooting stems. It is of rapid growth; the stoloniferous roots form a strong enduring turf which withstands hard usage. Lb., \$1.50; 3 lbs., \$4.00; 5 lbs., \$6.50; 10 lbs., \$12.50.

Bent, Seaside (*Agrostis maritima*). This is the variety which was first identified in Oregon. It is a hardy creeping variety forming close mat-like sward and is very desirable for putting greens. Does well in moist situations, making a rapid growth of fine texture. Lb., \$1.50; 3 lbs., \$4.00; 5 lbs., \$6.50; 10 lbs., \$12.50.

Bermuda (*Cynodon dactylon*). It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. It grows on all types of soils. Lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25; 10 lbs., \$4.25.

Chewings' Fescue. (New Zealand-Grown). It is a perennial and makes a fine turf. Does well in sandy soils, and in the shade. Sow either spring or fall. Lb., 60c; 3 lbs., \$1.70; 5 lbs., \$2.60; 10 lbs., \$5.00.

Fescue, Meadow (*Festuca pratensis*). This grass is also called English Blue Grass; flat and bright green. Grows to a height of 30 inches when left uncut. For wet soils few grasses are equal to Meadow Fescue. Lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.50; 25 lbs., \$5.50; 50 lbs., \$10.00; 100 lbs., \$20.00.

Orchard Grass (*Dactylis Glomerata*). Very desirable for early pasture. Also fine for sowing in shaded places. Lb., 40c; 3 lbs., \$1.10; 5 lbs., \$1.75; 10 lbs., \$3.40; 25 lbs., \$7.50; 50 lbs., \$12.50; 100 lbs., \$25.00.

Poa trivialis. An ideal grass for shade. A spreading, thickly matting stoloniferous-rooted species; leaf blades narrow, flat and dark green. Forms a fine turf and adapted for shady situation. Thrives on moist and stiff clay lands. Lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs., \$10.00; 50 lbs., \$18.00; 100 lbs., \$35.00.

Red Top, Fancy (*Agrostis palustris*). Is a perennial grass with a creeping habit of growth, leaf blades narrow. Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It is strongly drought-resistant. A very valuable grass for fairways especially on land lacking lime. Lb., 40c; 3 lbs., \$1.10; 5 lbs., \$1.75; 10 lbs., \$3.40; 25 lbs., \$7.50; 100 lbs., \$25.00.

Rye Grass. Very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist lands. Lb., 20c; 3 lbs., 55c; 5 lbs., 85c; 10 lbs., \$1.60; 25 lbs., \$3.50; 50 lbs., \$6.00; 100 lbs., \$12.00.

Rye, Italian. An annual or short lived perennial, very similar to English Rye. It is best used as a nurse crop for other grasses or as a winter substitute for Bermuda grass. Lb., 30c; 5 lbs., 85c; 10 lbs., \$2.50; 25 lbs., \$5.50; 50 lbs., \$10.00; 100 lbs., \$20.00.

Timothy (*Phleum pratense*). Used mostly for its hay crop, but is also used in lawn grass mixtures. 1 lb., 20c; 3 lbs., 55c; 5 lbs., 85c; 10 lbs., \$1.60; 25 lbs., \$3.50; 50 lbs., \$6.25; 100 lbs., \$12.00.

St. Louis Seed Co.'s Fine Flower Seeds

ABRONIA UMBELLATA (Annual)

Verbena-like rose colored flowers. Trailing habit. 10 inches. Blooms in late summer. Fine for rockery. Pkt., 10c.

ABUTILON (Tender Perennial) (Flowering Maple)

Maximum Hybrids Mixed. Used extensively for pot culture; foliage is of maple form and often variegated; flowers bell-shaped; height 2 to 3 feet. Pkt., 25c.

ACHILLEA (Milfoil or Yarrow) (Perennial)

The Pearl. Branching plant bearing its pure white double flowers in great profusion all summer; 2 feet. Pkt., 15c; 1/8 oz., 40c.

ACONITUM (Monkshood, Wolfsbane) (Perennial)

Napellus Blue. Growing in any good garden soil; of slow germination, producing long spikes of curiously shaped blue flowers. 3 to 4 feet. July and August. Pkt., 10c; 1/4 oz., 40c.

ACROLINUM EVERLASTING FLOWER (Annual)

Double daisy-like flowers. Best used for winter bouquets for which they should be cut when in bud. Mixed colors. Pkt., 10c; 1/2 oz., 30c.

ADLUMIA (Allegheny Vine) (Biennial)

Cirrhosa. A hardy biennial climber, blooming the first season; flesh colored flowers. June. 10 feet. Pkt., 10c; 1/4 oz., 35c.

ADONIS AESTIVALIS (Floss Adonis) (Annual)

Red flowers with light center. Of easy culture and showy. Fine cut foliage. Sow where plants are to remain. 1 foot. Pkt. 10c; 1/2 oz., 25c.

AGERATUM (Floss Flower) (Annual)

An excellent plant for edging or bedding. For early bloom sow indoors.

Blue Cap. The flowers are much larger than those of Little Blue Star and of a deeper and richer blue. For edging, beds, and rockeries. Pkt., 10c.

Blue Ball. Compact bushes with a profusion of small ball-shaped pure blue flowers. 6 inches. Pkt., 10c; 1/4 oz., 25c.

Imperial Dwarf Blue. Clear blue; compact growing plant; height 9 inches. Pkt., 10c; 1/4 oz., 25c.

Imperial Dwarf White. Pkt., 10c; 1/4 oz., 25c.

Little Blue Star. Plants densely covered with bright blue flowers; height 5 inches. Pkt., 10c; 1/4 oz., 40c.

AGROSTEMMA CORONARIA (Perennial) (Rose Campion)

Exceedingly handsome and free-flowering; excellent for Rock Garden and cutting. Will bloom the first year if sown early. Blood red. June and July. 2 feet. Pkt., 10c; 1/2 oz., 25c.

ALYSSUM (Annual)

Miniature. This variety is of exceedingly dwarf and compact growth, miniature white flowers. 3 to 4 inches. Pkt., 10c; 1/2 oz., 35c.

Carpet of Snow. We know of no other white flower which is so particularly well adapted to borders. 4 inches. Pkt., 10c; 1/2 oz., 35c.

Little Gem. Very dwarf and compact. 4 inches. Pkt., 10c; 1/2 oz., 35c.

Lilac Queen. A distinct variety with lilac shaded flowers. 8 inches. Pkt., 10c; 1/2 oz., 35c.

Maritimum (Sweet). Of trailing habit; flowers white. 9 inches. Pkt., 5c; 1/2 oz., 20c.

Saxatile (Perennial). A grand variety of golden yellow color. Grows about 10 inches high; May; excellent for Rock Gardens. Pkt., 10c; 1/2 oz., 50c.

AMARANTHUS (Annual)

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

Tricolor (Joseph's Coat). Useful in borders of tall plants or for the center of large beds; 2 1/2 feet. Pkt., 10c; 1/2 oz., 25c.

Sunrise. Foliage bronzy crimson, tipped carmine. 3 feet. Pkt., 15c; 1/4 oz., 50c.

Choice Mixed. Pkt., 5c; 1/2 oz., 15c.

AMPELOPSIS (Boston or Japan Ivy) (Perennial)

Veitchi Clings to walls of wood, stone or brick. 20 feet. Pkt., 10c; 1/2 oz., 25c.

ANAGALLIS (Annual)

Grandiflora Mixed. 8 inch. Lovely dwarf spreading plants, exceedingly effective as edgings, also in the Rock Garden. July and August. Pkt., 10c; 1/4 oz., 25c.

ANCHUSA ITALICA (Dropmore) (Perennial)

A handsome plant producing drooping sprays of deep gentian-blue flowers. May and June. Pkt., 10c; 1/4 oz., 30c.

ANEMONE (Wildflower) (Perennial)

Few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear. August-October. 2 feet.

Japonica. Mixed colors. Pkt., 15c.

ANTHEMIS (Hardy Marguerite) (Perennial)

Tinctoria. 2 feet. Bright yellow; excellent for cutting. June and August. Pkt., 10c; 1/4 oz., 30c.

ANTIRRHINUM OR SNAPDRAGON

(Half-Hardy) (Perennial)

Maximum

This is a wonderful group of Antirrhinums. The flowers are of magnificent size; closely placed on the spike. 3 feet.

1/4 Oz. Pkt.

Copper King. Velvety copper scarlet...\$0.40 \$0.15

Golden Queen. Deep yellow..... .40 .15

Purple King. Deep glowing purple... .40 .15

Snowflake. Pure white, yellow tube... .40 .15

The Rose. Rose-pink..... .40 .15

Mixed40 .15

Large Flowering Half Dwarf. 18 inches.

1/4 Oz. Pkt.

Nelrose. Brilliant rose.....\$0.35 \$0.10

Empress. Rich velvety crimson..... .35 .10

Fawn. Terra-cotta-pink, suffused yellow .35 .10

Golden Queen. Clear yellow..... .35 .10

Defiance. Orange-scarlet35 .10

The Bride. Pure white..... .35 .10

Silver Pink. Pearly pink self..... .35 .10

Mixed. Varieties35 .10

Tall, Giant-Flowering Varieties. 2 1/2 to 3 feet.

1/4 Oz. Pkt.

Fire King. Orange-scarlet, white tube.\$0.30 \$0.10

Golden King. Giant yellow..... .30 .10

Rose Queen. Soft rose..... .30 .10

Rose King. Deep rose..... .30 .10

Crimson King30 .10

Queen Victoria. White..... .30 .10

Mixed. Large flowering.... .25 .05

Rust Proof Snapdragon. University of California Mixture. It contains a wide range of beautiful colors. Pkt., 15c; 1/4 oz., 50c.

Tom Thumb or Dwarf. The plants grow about 8 inches high and mixed. Pkt., 10c.

Rock Hybrids. It forms small compact bushes with various colored flowers. It blooms earlier than the average Snapdragon; suitable for rock gardens. 8 inches. Pkt., 15c.

AQUILEGIA (Columbine) (Perennial)

A most desirable border plant. Blooms early in spring; useful for cutting. 2 to 3 feet.

Long Spurred Hybrids (Mrs. Scott Elliott Strain). Wonderful colors and color combinations, with very long spurred flowers. **Pkt., 15c.**

Imperial Long Spurred Hybrids. We offer an unusually choice strain of these lovely hybrids, ranging in color tones from creamy white and yellow to bronze red and blue shades. **Pkt., 15c.**

Silver Queen. Improved long-spurred white. 30 inches. **Pkt., 15c.**

Chrysantha (Golden Columbine). Blooming later than the long-spurred hybrids. June and July. **Pkt., 10c.**

Pkt.

California Hybrids. Mixed.....\$0.15

Coerulea. Light blue and white..... .15

Double. All colors mixed— $\frac{1}{2}$ oz., 30c..... .05

Single. All colors mixed— $\frac{1}{2}$ oz., 25c..... .05

ARABIS (Rock Cress) (Perennial)

Alpina. Unequalled for rockeries and one of the earliest spring flowers. The spreading tufts are covered with pure white flowers. 6 inches. **Pkt., 10c; $\frac{1}{4}$ oz., 25c.**

ARCTOTIS GRANDIS (Annual)

Blue-Eyed, or African Daisy. White and lilac. The large daisy-like blooms of this fine, hardy annual are excellent for cutting. 2 feet. **Pkt., 10c; $\frac{1}{4}$ oz., 20c.**

ARGEMONE (The Prickly Poppy) (Annual)

Hybrida Grandiflora. 2 $\frac{1}{2}$ to 3 feet tall. They are branching and bear a profusion of single poppy-like blooms from July until frost. Sow where to bloom. **Pkt., 10c; $\frac{1}{2}$ oz., 35c.**

ARMERIA (Sea Pink or Thrift) (Perennial)

Formosa. Compact plants with grass-like foliage and large clover-like flower heads. 12 inches. June. **Pkt., 15c; $\frac{1}{4}$ oz., 35c.**

ASCLEPIAS (Butterfly Weed) (Perennial)

Tuberosa. Attractive plants, flowering during July and August, about 2 feet high. Produces umbels of bright orange colored flowers. **Pkt., 15c.**

ASPARAGUS (Tender Perennial)

The ornamental varieties of Asparagus are highly valued for their feathery sprays of foliage. Seeds start slowly and should be soaked in warm water before planting. 2 to 3 feet.

Plumosus Nanus (Lace Fern). The bright green sprays surpass the Maidenhair Fern. **Pkt., 10c.**

Sprengeri (Emerald Feather). A very elegant foliage plant for hanging baskets. **Pkt., 10c.**

ASTER (Hardy Perennial)

Mixed, Michaelmas Daisies. Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. 4 feet. **Pkt., 15c.**

Alpinus. For rockery or edging; grows 6 to 10 inches high and bears showy bluish purple flowers in May and June. **Mixed. Pkt., 15c.**

ASTER GIANT PEONY-FLOWERED (Annual)

A selection of Asters suitable for florists and home gardens. 2 feet. **Mixed. Pkt., 20c; $\frac{1}{4}$ oz., 60c.**

ASTER DWARF CHRYSANTHEMUM-FLOWERED (Annual)

Bushy plants, bearing large perfectly double flowers, fine for either gardens or pot culture. 12 inches. Finest mixed colors. **Pkt., 5c; $\frac{1}{4}$ oz., 25c.**

ST. LOUIS SEED CO.'S NOVELTY ASTER (Annual)

Plants strong branching. **Mixed. Pkt., 15c.**



VIGORO is a complete balanced plant food containing the proper proportion of all the essential elements that plants need.

Asters (Annual)

Choicest Varieties for Summer Flowering.

"QUEEN OF THE MARKET"

This variety is similar in type and growth to the late-branching Aster. The blossoms are produced on longer stems.

	$\frac{1}{2}$ Oz.	Pkt.		$\frac{1}{2}$ Oz.	Pkt.
White	\$0.50	\$0.10	Blush Pink...	\$0.50	\$0.10
Lavender ....	.50	.10	Purple .....	.50	.10
Crimson .....	.50	.10	Mixed .....	.40	.10

EARLY WONDER

The earliest variety in cultivation, coming into bloom before "Queen of the Market." The flowers are large and very double; stems average 18 inches in length. **Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 35c.**

EARLY AMERICAN BEAUTY

This variety is similar in type of flower and growth to the well-known Late Branching Asters. The flowers are fully double. **Pkt., 15c; $\frac{1}{4}$ oz., 50c.**

IMPROVED GIANT CREGO

Compact plant about 2 feet tall. They are classed as a mid-season type, filling in the season between the early and late Asters.

	$\frac{1}{2}$ Oz.	Pkt.
Crimson	\$0.35	\$0.10
White .....	.35	.10
Shell Pink .....	.35	.10
Lavender .....	.35	.10
Purple. Bright .....	.35	.10
Rose. Rich deep rose.....	.35	.10
Mixed .....	.35	.10

AMERICAN BRANCHING WILT RESISTANT

The wilt disease of Asters is caused by a specific parasitic fungus, which may attack the plant at any stage in its growth from the seedling to the seed-producing age. The following seeds are from a wilt resistant strain:

	Pkt.		Pkt.
Azure Blue	\$0.15	Shell Pink	\$0.15
Crimson .....	.15	White .....	.15
Purple .....	.15	Mixed .....	.15

CALIFORNIA IMPROVED SUNSHINE

A beautiful type of Aster. The outer petals are long and narrow, whereas toward the center the petals are tubular, with a 4-pointed star at the end. 2 $\frac{1}{2}$ feet. **Pkt., 15c.**

CALIFORNIA GIANT ASTERS

Their immense size and beauty, as well as their long and sturdy stems make them very attractive. 3 feet.

	Pkt.		Pkt.
Dark Purple	\$0.15	Peach Blossom.....	\$0.15
Deep Rose .....	.15	White .....	.15
Light Blue .....	.15	Mixed, $\frac{1}{4}$ oz., 50c..	.15

CHINA ASTERS

Single Mixed. Within late years the single Asters have gained in favor. 2 feet. **Pkt., 10c; $\frac{1}{4}$ oz., 25c.**

AUBRIETIA (Rainbow Rock Cress)

Large-Flowering Hybrids. A beautiful dwarf rock plant, covered with sheets of bright flowers in April and May. 6 inches. Pkt., 15c; ½ oz., 35c.

BALLOON VINE (Love-in-a-Puff) (Annual)

A rapid-growing climber; succeeds best in light soil and warm situation; flowers white. 5 to 10 feet. Pkt., 5c; ½ oz., 15c.

BALSAM APPLE (Mormordica) (Annual)

A very ornamental and quick-growing climber. While it has a flower, it is grown mostly for the effect of the fruit which follows. When ripe it opens and shows the seeds and brilliant carmine interior. 10 feet. Pkt., 10c; oz., 30c.

BALSAM (Lady Slipper) (Annual)

Camellia-Flowered Double. An old favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion, 2 feet.

	½ Oz.	Pkt.
White	\$0.30	\$0.10
Light Pink .....	.30	.10
Scarlet .....	.30	.10
Salmon-Rose .....	.30	.10
Mixed .....	.30	.10
Rose Flowering, Double Mixed. Oz., 35c; pkt., 5c.		

BAPTISIA (False Indigo) (Perennial)

Australis. A strong growing border plant 3½ feet high; dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in May and June. Pkt., 15c.

BARTONIA (Annual)

Aurea. The handsome single flowers are golden yellow with many deep orange stamens. A dry sunny spot is suitable for it. Does not stand transplanting. Pkt., 10c.

BEAN, SCARLET RUNNER

A great favorite in Europe, not only as an ornamental climber, but for the delicious edible beans. Pkt., 10c; ¼ lb., 20c; 1 lb., 50c.

BEGONIA (Tender Perennial)

Sturdy plants with glossy foliage and profuse bloom. The seed should be started under glass.

Prima Donna. Light rose. 10 inches. Pkt., 15c.

Luminosa. Fiery dark scarlet. 10 inches. Pkt., 15c.

Fine Mixed. Similar to above, mixed. Pkt., 10c.

BELLIS-PERENNIS OR DOUBLE DAISY (Tender Perennial)

Admirably adapted for edgings, borders and low beds. Prefer shady location. 6 inches. Spring flowering.

	Pkt.
Double Red	\$0.15
Double Pink .....	.15
Double White .....	.15
Double Mixed Colors .....	.15

BOCCONIA (Plume Poppy) (Perennial)

Cordata. A splendid, hardy perennial, with glaucous green foliage, and bearing, spikes of creamy white flowers. 6 to 7 feet. July. Pkt., 10c; ½ oz., 30c.

BOLTONIA (Perennial)

Latisquama. A sturdy, tall-growing perennial, 3 to 4 feet high, bearing a profusion of daisy-like, pinkish lavender blooms during September and October. An excellent cut flower and very drought resistant. Pkt., 15c; ¼ oz., 50c.

BRACHYCOME (Annual) (Swan River Daisy)

Iberidifolia. Mixed. Delightful blue and white flowers resembling Cinerarias, borne on slender stems, with graceful foliage. Very useful for bedding. 12 inches. Summer. Pkt., 10c; ½ oz., 35c.

BROWALLIA (Annual)

Speciosa major. A beautiful large-flowering variety of the most brilliant ultramarine blue. 1 foot. Pkt., 25c.

CALANDRINIA (Grandiflora Rose) (Annual)

Flowers deep rose to crimson, saucer shaped on stems 12 inches high. Blooms from June until frost. Leaves long, fleshy, light green, marked lightly with red. Plants bushy. Plant in full sun. Pkt., 10c.

CACALIA (Tassel Flower) (Annual)

A pretty free-blooming plant with red tassel-shaped flowers, also called Devil's Paint Brush. 18 inches. June to September. Pkt., 10c; ½ oz., 25c.

CALCEOLARIA (Tender Perennial)

Excellent plants for greenhouse or conservatory. Produces a mass of pocket-like flowers through the Spring and Summer.

Hybrida Grandiflora. A large flowering mixture. Pkt., 25c.

Multiflora nana. An attractive spotted mixture of dwarf growth. Pkt., 25c.

CALENDULA (Annual) 1½ Ft.

Calendulas besides being popular for outdoor culture are of great merit for forcing by florists.

Bodger's Pastel Bedding Mixture. This mixture contains a combination of the lighter shades of dwarf growing types, especially adapted for the home garden. Pkt., 15c; ¼ oz., 40c.

Chrysantha. The flowers are 3½ to 4 inches across. Color a fine buttercup-yellow with stems 30 inches long. Excellent for cut flowers. Pkt., 15c.

Campfire. The color of the petals is brilliant orange. Pkt., 10c; ¼ oz. 35c.

Lemon Queen. Pleasing rich lemon-yellow. Pkt., 10c; ½ oz., 35c.

Orange King. 18 inches. Color glowing orange. Pkt., 10c; ½ oz., 35c.

Orange Shaggy. Deep orange, shading to slightly lighter orange in the center of the bloom, giving the flower a delightful two-tone effect. Pkt., 15c; ¼ oz., 40c.

Mixed, All Colors. For woodlands and borders. Pkt., 5c; ½ oz., 20c.

CALLIOPSIS (Annual)

One of the most showy flowers, very easily grown; will thrive almost anywhere. Sow where they are to bloom. June to September.

Crimson King. A fine dwarf sort, 12 inches high; color, rich velvety crimson-garnet. Pkt., 10c; ½ oz., 25c.

Golden Ray. Dwarf, compact plants, covered with flowers of rich maroon edged with golden yellow. Pkt., 10c; ½ oz., 25c.

Dwarf Superb Hybrids Mixed. A fine mixture in shades from golden yellow to maroon. Pkt., 10c; ½ oz., 25c.

Tall Mixed. Valuable for mixed beds and borders. About 2 to 3 feet. Pkt., 5c; oz., 25c.

Campanula
OR CANTERBURY BELLS



Centaurea Cyanus

A very showy, hardy biennial, growing 3 feet high, with large bell-shaped flowers. Sow from May to September. Transplant when plants are large enough to handle; protect with straw during the winter.

MEDIUM CALYCANTHEMA (Cup-and-Saucer)
Biennial. 2½ feet.

This is unquestionably the finest type of this old-fashioned and much-prized garden plant.

	Pkt.		Pkt.
Dark Blue	\$0.10	Rose	\$0.10
Light Blue .....	.10	White .....	.10
Mixed, ¼ oz., 40c; pkt., 10c.			

SINGLE CANTERBURY BELLS (Campanula Medium)
Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers. Protect during winter.

	¼ Oz.	Pkt.		¼ Oz.	Pkt.
Single Blue	\$0.35	\$0.10	Single White	\$0.35	\$0.10
Single Rose .....	.35	.10	Single Mixed .....	.35	.10

CAMPANULA (Perennial)

Carpatica, Blue (Carpathian Harebell). Color clear blue; grows 8 inches high. June to August. Pkt., 10c; ¼ oz., 25c.

Carpatica, White. Pkt., 10c; ¼ oz., 25c.

Pyramidalis (Chimney Bellflower). Pyramids 4 to 5 feet high, bell-shaped flowers, blue and white mixed. Pkt., 15c; ⅛ oz., 25c.

CARNATION CHABAUD'S GIANT

	¼ Oz.	Pkt.		¼ Oz.	Pkt.
Dark Red	\$0.50	\$0.15	Yellow	\$0.50	\$0.15
Deep Rose ...	.50	.15	Finest Mixed.	.50	.10
White .....	.50	.15			
Marguerite Mixed. Pkt., 5c; ½ oz., 35c.					

CARNATION (Grenadin) (Perennial)

This is a very fine strain, particularly adapted for garden planting. Seed sown in the spring will produce large and thrifty tufts that will stand out over winter and bloom throughout the following spring. 1½ feet.

	⅛ Oz.	Pkt.		⅛ Oz.	Pkt.
Scarlet	\$0.40	\$0.20	Triumph		
White .....	.40	.20	Pink	\$0.40	\$0.20
			Mixed .....	.30	.15

CELOSIA (Coxcomb) (Annual)

Beautiful plumes of brilliant colors. Fine for vases, and of splendid foliage. Seed may be sown outdoors as early in spring as ground is warm.

Flame of Fire (Pyramidalis). They grow 18 to 20 inches high in perfect pyramidal form. They are very branching and each branch has a proportionally sized comb on the terminal. Pkt., 15c. Thompson's Magnifica. All colors mixed. 2 feet. Pkt., 10c; ½ oz., 30c.

Lilliput Fiery Feather. Bright fiery scarlet, pot and bedding plant. 1 foot. Pkt., 15c.

Lilliput Golden Feather. Golden. 1 foot. Pkt., 15c.

CELOSIA, DWARF COXCOMB
1 to 1½ feet.

Glasgow Prize. The best dwarf crimson sort, with handsome dark foliage. Combs very large and solid. Pkt., 10c; ¼ oz., 50c.

Golden Queen. Dwarf golden. Pkt., 10c.

Dwarf Mixed. Pkt., 10c; ¼ oz., 35c.

Celosia Childsi. See Woolflower on Page 23.

CENTAUREA (Annual)

(Cornflower, or Bachelor's Button)

Sow in open ground in fall or early spring. Cover seed about one-fourth inch deep; thin to 6 or 8 inches apart. Fine for cut flowers, bedding or borders. 3 feet.

	Pkt.	½ Oz.		Pkt.	½ Oz.
Double White ..	.10c	20c	Double		
Double Blue ..	.10c	20c	Maroon .....	.10c	20c
Double Rose ..	.10c	20c	Double Ruby ..	.10c	20c
Double Mauve ..	.10c	20c	Double Mixed..	5c	15c

CANTERBURY BELLS (Annual)

The plant grows about 2 feet high, each plant having from 6 to 8 spikes of blooms. We offer this in a mixture of blue, pink, rose and white. It will bloom 4 months after sowing seed. Pkt., 15c; ¼ oz., 40c.

CANARY BIRD VINE (Annual)

A beautiful rapid annual climber, the charming little canary-colored blossoms resembling a bird with its wings half expanded. 10 feet. Pkt., 10c; oz., 25c.

CANDYTUFT (Iberis) (Annual)

Giant Hyacinth-flowered. An excellent variety. Long trusses of white flowers. 1 foot. Pkt., 10c; ½ oz., 25c.

CANDYTUFT (Umbellata)

They bloom in about 8 weeks from the time of sowing, and in order to keep up a succession of bloom, two sowings should be made at intervals of about 2 weeks.

	½ Oz.	Pkt.		½ Oz.	Pkt.
Carmine	\$0.25	\$0.10	Rose		
Crimson .....	.25	.10	Cardinal ..	\$0.25	\$0.10
Lavender ....	.25	.10	White .....	.25	.10
Flesh Pink ...	.25	.10	Mixed .....	.15	.05

CANDYTUFT (Perennial)

Gibraltarica. White flowers, shading to lilac. May and June. 8 inches. Pkt., 10c; ¼ oz., 30c.

Sempervirens. White blooming, early in spring; much used for cemeteries, rockeries, etc. April and May. 8 inches. Pkt., 15c; ¼ oz., 40c.

CANNA (Tender Perennial)

The seeds are very hard and should be notched and soaked before planting. Large flower. Mixed. Pkt., 10c; oz., 35c.

CARDINAL CLIMBER (Annual)

It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like lacinated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-summer till frost. The flowers are borne in clusters. Pkt., 10c; ½ oz., 35c.

CARNATION

Highly regarded for their spicy scent, bright colors. Seed started in midsummer will bloom the following spring. 12 to 15 inches high.

CENTAUREA—Continued.**IMPERIALIS (Royal Giant Sultans) (Annual)**

This class produces large, very double, finely lacinated flowers of graceful form and delightfully fragrant. They are very desirable for cut flowers and will often last for over a week when placed in water. Plants are from 2½ to 3 feet in height.

	Pkt.		Pkt.
Lavender	\$0.10	Rose	\$0.10
Purple .....	.10	Red .....	.10
White .....	.10	Mixed, ½ oz., 35c..	.10

VARIOUS CENTAUREAS

Suaveolens (Yellow Sweet Sultan). Showy, bright yellow, fragrant blossoms. Annual. Pkt., 10c; ½ oz., 35c.

Americana. The plants grow 3 feet tall and produce during July and August blooms composed of many delicate petals of a bright lilac-blue shade. Plant in a sunny spot which is well drained. Pkt., 10c; ½ oz., 35c.

Montana (Hardy Cornflower). Violet-blue; 18 inches. May and June. Pkt., 10c; ½ oz., 35c.

CENTAUREA, ORNAMENTAL LEAVED (Dusty Miller) (Half Hardy)

Candidissima. For edging beds where white foliage is desired. Finely cut leaves. Pkt., 10c; ¼ oz., 50c.

Gymnocarpa. Leaves not so white as the above. Pkt., 10c; ½ oz., 25c.

CERASTIUM (Snow-in-Summer) (Perennial)

Tomentosum. Dwarf plant for edgings and rockeries; silvery foliage and white flowers. 6 inches. May and June. Pkt., 15c; ¼ oz., 35c.

CHELONE (Perennial)

Barbata Hybrids. Grows about 3 feet high, with flowers varying from pink to cherry-red. Useful for border and cutting. June-July. Pkt., 10c.

CHEIRANTHUS (Biennial) (Siberian Wallflower)

Allioni. This unusual little plant deserves a place in your rock garden or low border. The upright spikes bear numerous flowers of a dazzling rich orange. Though a hardy biennial, it flowers the first season from seed when sown early. 1 foot. Pkt., 10c; ½ oz., 25c.

CHRYSANTHEMUMS (Annual)

There are many people who do not realize how easily Chrysanthemums may be grown from seed.

Bridal Robe. 10 inches in height; the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of double pure white flowers. Pkt., 15c.

Carinatum. Double mixed. Owing to its magnificent golden yellow, white and red shades, it is fast becoming a florist's favorite; 20 inches. Pkt., 10c; ½ oz., 35c.

Double Early Flowering. Mixed. A perennial variety, which can also be treated as an annual, blooming the first year from seed if sown early. 1½ to 2 feet. Pkt., 25c.

CHRYSANTHEMUM (Single Varieties)

Exquisitely colored daisy-like flowers with finely cut foliage. The following single sorts are of easy culture and splendid for cutting. 1 to 1½ feet.

	Pkt.
Evening Star. Rich golden yellow.....	\$0.10
Morning Star. Canary yellow.....	.10
Northern Star. Giant white, yellow eye.....	.10
Single Mixed. ½ oz., 25c.....	.05

CINERARIA (Tender Perennial)

Magnificent flowering plants for the conservatory or window garden. Various colors.

Giant Prize. Semi-dwarf. Extra, 1 ft. Pkt., 20c.

Multiflora nana, Potsdam. This is an extra fine dwarf select mixed variety, nothing better; 10 inches. Pkt., 25c.

CLARKIA ELEGANS (Annual)

A pretty and easily grown annual; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers.

	½ oz.	Pkt.
Double White	\$0.35	\$0.10
Double Scarlet Queen .....	.35	.10
Double Salmon Pink .....	.35	.10
Double Orange Scarlet .....	.35	.10
Double Mixed .....	.35	.10

CLEOME (Giant Spider Plant) (Annual)

Large spikes of rosy carmine flowers. Large bushy plants; 3 to 4 feet high. Fine for background.

Gigantea. The finest strain. Pkt., 10c; ½ oz., 35c.

CLIMBERS (Rapid Mixture) (Annual)

A mixture of beautiful coloring and markings beyond description. Mixed climbers. Pkt., 10c; oz., 25c; ¼ lb., 75c.

CLEMATIS (Perennial)

Paniculata (Vine). 15 feet. Fall-flowering with white flowers. Hardy. Pkt., 10c; ½ oz., 35c.

COREOPSIS (Perennial)

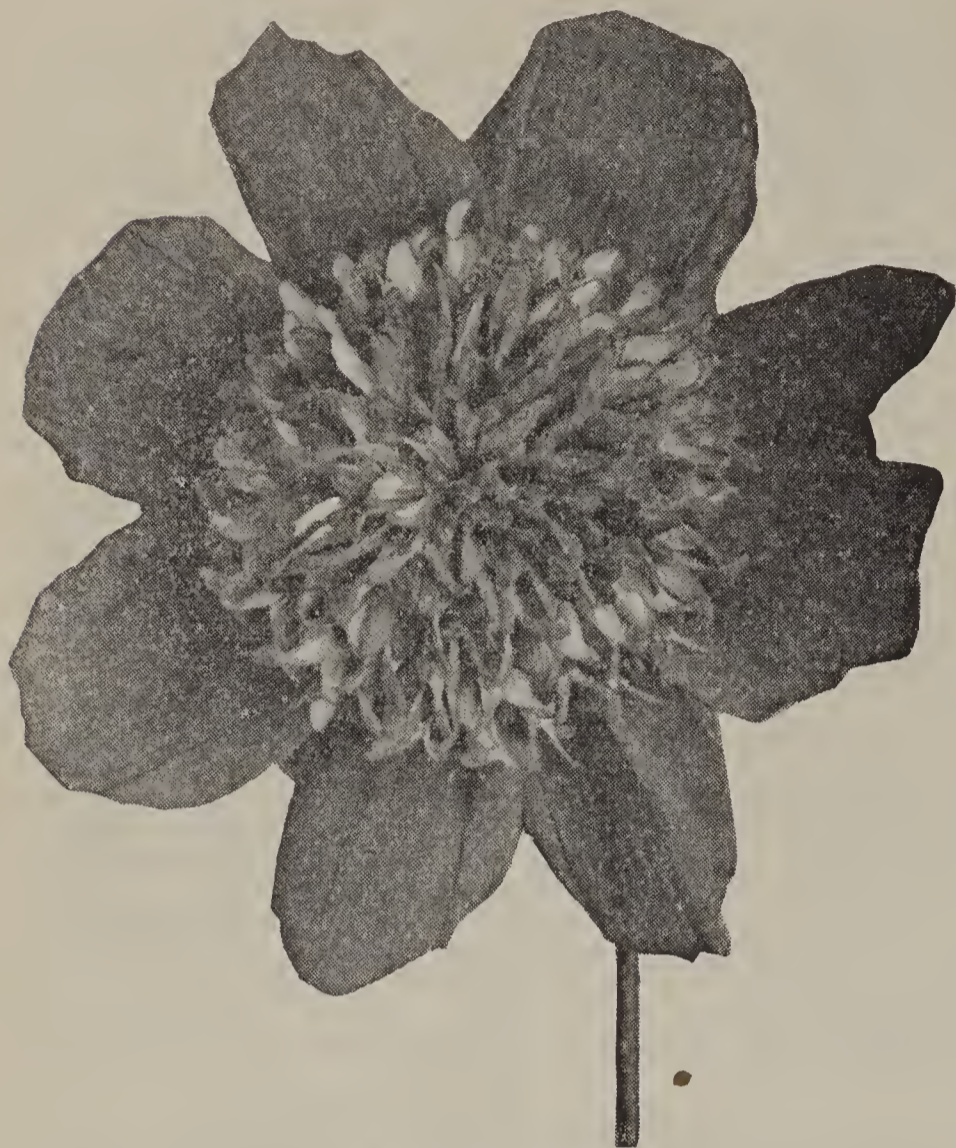
Lanceolata grandiflora. One of the finest hardy garden plants grown. 2 to 3 feet high. Cut flower—yellow. June, July. Pkt., 10c; ½ oz., 25c.

Lanceolata grandiflora fl. pl. (Double Flowering Coreopsis.) Similar in habit to the above flowers; yellow. Pkt., 15c; ¼ oz., 25c.

Mayfield Giant. It produces a taller and more vigorous plant than the ordinary type, with longer and firmer stems and larger individual blooms; yellow. Pkt., 10c; ¼ oz., 30c.



Single Chrysanthemum



Double Cosmos

COBAEA (Cup and Saucer Vine) (Annual)

A rapid growing climber with handsome dark green foliage, bearing on graceful stems, large bell-shaped flowers, green at first but rapidly changing to a beautiful deep violet-blue. 20 feet.
Scandens, Blue. Large, bell-shaped flowers. **Pkt., 10c; ¼ oz., 25c.**
Scandens, White. **Pkt., 10c; ¼ oz., 30c.**

COLEUS (Tender Perennial)

These are magnificent ornamental foliage plants. The large rich velvety leaves are of many shades and superb combinations of green, red and yellow. 1 to 3 feet.
Fine Mixed. Popular bedding plants; easily grown from seed if kept in a warm temperature. **Pkt., 20c; ⅛ oz., 50c.**

CORN, RAINBOW (Ornamental) (Annual)

Zea japonica. A stately plant growing 5 to 6 feet tall, with broad and long leaves which are superbly striped with red, rose, yellow, white and bronze. Plant the seeds early in the spring. Excellent for background. **Pkt., 10c; oz., 25c.**

Cosmos (Annual)

This beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Excellent for cutting.

SENSATION MIXED

This variety comes exceptionally early and has the largest flowers of the Cosmos family. **Pkt., 15c; ¼ oz., 50c.**

EARLY EXPRESS

A new very early flowering Cosmos, which will produce flowers from seeds in forty-five days. 3 feet.

¼ Oz. Pkt.

Early Express. Mixed.....\$0.35 \$0.15

MAMMOTH EARLY COSMOS

The petals are broadly oval, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. 4 feet.

	½ Oz. Pkt.		½ Oz. Pkt.
Crimson	\$0.25 \$0.10	Pink	\$0.25 \$0.10
White .....	.25 .10	Mixed .....	.25 .10

GIANT FLOWERING (Late)

The perfect shape of the flowers, and the long lasting quality of this variety readily makes it a garden flower of great merit. 6 to 8 feet.

	½ Oz. Pkt.
Crimson	\$0.25 \$0.10
Orange Flare (Early).....	.50 .15
Giant Mixed, ¼ lb., \$1.50.....	.25 .10
Lady Lenox, Pink.....	.25 .10
Lady Lenox, White.....	.25 .10

Hybrida, Finest Mixed. Our seed is all grown from special strain; 4 to 6 feet. **Pkt., 5c; oz., 35c.**

EXTRA EARLY DOUBLE CRESTED COSMOS

This beautiful Cosmos will bloom as early as the Mammoth Early Single variety. Plants grow from 3 to 5 feet tall. Our strain will give about 65% of double flowers.

	Pkt.		Pkt.
Pink	\$0.15	Crimson	\$0.15
White .....	.15	Mixed, ¼ oz., 50c....	.15

COTTON (Annual)

Grown extensively for decorating purposes. Very showy and attractive. 3 feet. **Pkt., 10c; 1 oz., 15c.**

CRUCIANELLA (Perennial)

Stylosa. 6 inches. June. Tangled masses of elegant foliage, crowded heads of light red flowers. Fine for rockery. **Pkt., 10c.**

CUPHEA (Tender Perennial)

Platycentra. A very pretty border plant. Very showy for pots and bedding. Russet-orange. 1 foot. **Pkt., 15c.**

CYNOGLOSSUM (Annual)
(Chinese Forget-me-not)

Amabile. Forming strong plants 18 to 24 inches high and producing through the summer months sprays of intense blue Forget-me-not-like flowers, delicately sweet scented. Excellent for border and cutting. **Pkt., 10c; ½ oz., 25c.**

CYPERUS (Umbrella Plant)
(Tender Perennial)

Alternifolius. An excellent plant for growing in water and damp places, makes a very ornamental house plant, always presenting a green and attractive appearance. 2 feet. **Pkt., 15c.**

CYPRESS VINE (Annual)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May. 15 feet.

	Oz. Pkt.
Scarlet	\$0.20 \$0.05
White .....	.20 .05
Mixed .....	.15 .05

DAHLIA (Tender Perennial)

Dahlias can be grown if the seed is sown indoors or in a hotbed in February or March and the young plants transplanted to the open ground after danger from frost, to produce flowers the first year. In it can be found beautiful combinations of colors and marvelous blendings of shades and tints. 1½ to 5 feet.

	Pkt.
Double Mixed	¼ oz., \$0.50 \$0.10
Single Mixed	½ oz., .35 .10
Cactus Mixed	¼ oz., .75 .15

ST. LOUIS SEED CO.'S DWARF HYBRIDS.

Plants 1 to 2 feet. Growth compact, single flowers produced in great profusion. Beautiful colors. Bloom first year from seed. **Pkt., 25c.**

DAISY (Perennial)

Shasta Daisy, Alaska. Perennial plants with large single white flowers with yellow centers. Seed may be sown in the open ground early in spring. 2½ feet. June. Pkt., 10c; ¼ oz., 40c.

Daisy, African Golden. See *Dimorphotheca*, page 10.

DATURA (Annual)

Angel's "Trumpet." This variety is exceedingly fine, bearing great trumpet-like white and lilac flowers, 6 to 8 inches long; plants 3 feet high. Bedding. Pkt., 10c; ½ oz., 30c.

Golden Queen. Bright yellow flowers. 3 feet. Pkt., 10c; ½ oz., 30c.

Delphinium

(Perennial) (Larkspur)

One of the finest hardy perennials. Very effective in beds or borders. To prolong the blooming season, cut the old flower stems off after they have faded and new shoots will produce flower heads successively.

Blackmore Langdon Hybrids. This English strain is one of the finest developments in the *Delphinium* family. The flowers are enormous, produced on solid, erect spikes of great height and rigidity. The colors lie in delicate shades of blue and mauve. Pkt., 25c.

Cliveden Beauty. An improved strain of the popular *Belladonna* with larger and brighter blue flowers. Pkt., 15c; ¼ oz., 65c.

English Wrexham Hollyhock Strain. Graceful spire shaped spikes of enormous size and beauty. This mixture contains all the colors in *Delphiniums*, including both double and single flowers. Pkt., 25c; ⅛ oz., 75c.

Belladonna. They are our best blue cut flowers, are perfectly hardy and established plants produce a number of spikes. Pkt., 15c; ¼ oz., 50c.

Bellamosum. A dark blue of the type of *Belladonna*. Pkt., 15c; ¼ oz., 50c.

Bellamosum Improved. A strain of *Bellamosum* with longer spikes and larger blooms. Pkt., 15c; ¼ oz., 65c.

Iceberg. This is the first white perennial *Delphinium* which comes true from seed. Pkt., 25c.

St. L. S. Co.'s Large Flowering Hybrids. Florets of immense size and handsomely formed spikes. The colors range from palest sky blue to purple. Pkt., 15c; ¼ oz., 75c.

Chinese Blue. A lovely azure blue *Delphinium* flowering from the seed the first season if the seed is sown in early spring. 18 inches. Excellent for rock garden. Pkt., 10c; ¼ oz., 30c.

Chinese Mixed. A very pleasing mixture containing dark blue, light blue and white. Pkt., 10c; ¼ oz., 30c.

DIANTHUS OR PINKS (Annual)

The family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are of symmetrical form—blooming perfectly until fall. Useful for bedding, edging and cutting.

Sweet Wivelsfield. This annual is a hybrid, being a cross between *Dianthus Allwoodi* and the Sweet William; seed started indoors in January and planted out in April will commence to flower in May. 10 inches. Pkt., 15c; ¼ oz., 50c.

Fireball. Double scarlet. Pkt., 10c; ½ oz., 35c.

Snowball. Double white. Pkt., 10c; ½ oz., 35c.

Laciniatus, Double Mixed. Large double flowers, edges fringed. Pkt., 10c; ½ oz., 35c.

Chinese Double Mixed (China or Indian Pink). Blooms in clusters, flowers very double and bloom in a large range of bright colors. Pkt., 5c; oz., 35c.

DIANTHUS, SINGLE ANNUAL

These single sorts contain beautiful varieties, flowers often measuring 2 inches in diameter.

Nobilis, Single Mixed. A beautiful fringed sort. Pkt., 10c; ½ oz., 35c.

HARDY GARDEN PINKS (Perennial)

Large Flowering Grass or Spice Pinks. These varieties are well adapted for beds and borders.

Plumarius, Cyclops. Single perpetual, various colors with blood red eye. Pkt., 10c; ¼ oz., 25c.

Plumarius, Single Mixed (Pheasant's Eye). Pkt., 5c; ½ oz., 25c.

Plumarius, Double Mixed. Pkt., 10c; ¼ oz., 35c.

Allwoodi (Perpetual-flowering Hardy Pinks). They flower continuously from spring until autumn. Double and semi-double. 4 to 6 inches. Mixed colors. Pkt., 20c.

Caesius grandiflora (Cheddar Pink). A splendid rock plant, forming dense tufts of sweet scented bright rosy pink flowers in May and June. 4 inches. Pkt., 15c; ¼ oz., 50c.

Deltoides (Maiden Pink). Dwarf carmine-rose. 6 inches. Pkt., 15c.



Delphinium



Dimorphotheca

DICTAMNUS (Gas Plant) (Perennial)

The seed should be sown as soon as they are ripe in the fall. If seed is sown in the spring, pour boiling water over them first or they will not germinate easily.

A very showy hardy border plant, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July. Mixed. Pkt., 15c.

DIDISCUS (Annual)

Coeruleus (Blue Lace Flower). 1½ feet. Blooming from July until frost; color, pale lavender; excellent for cutting. Pkt., 10c; ¼ oz., 25c.

DIGITALIS (Foxglove) (Perennial)

Handsome and highly ornamental hardy plants of stately growth. Flowers during June and July. 3 to 5 feet. Giant. Mixed. Pkt., 10c; ½ oz., 35c.

DIMORPHOTHECA (Annual)
(African Golden Daisy)

One of the most attractive garden annuals. Plants dwarf with daisy-like blooms on long stems.

	¼ Oz.	Pkt.
Golden West	\$0.30	\$0.10
Improved Orange .....	.30	.10
Salmon Beauty .....	.30	.10
Mixed .....	.30	.10
Ringens (Veldt Daisy). White, blue center.		Pkt., 10c.

DOLICHOS (Hyacinth Bean) (Annual)

A rapid growing climber, flowering freely. Sow the seed in the garden in beds where they are to remain. 10 feet.

White. Pkt., 5c; oz., 15c.

Purple. Pkt., 5c; oz., 15c.

Mixed Colors. Pkt., 5c; oz., 15c.

Lignosus (Australian Pea Vine). A rapid growing, evergreen climber. Rose pea-shaped flowers. Pkt., 10c; ½ oz., 40c.

DRACAENA (Dragon Plant)
(Tender Perennial)

Indivisa. Beautiful ornamental-leaved plants; long, narrow green foliage; indispensable for vase and house decorations. 2 feet. Pkt., 10c; ½ oz., 30c.

ECHINOPS (Globe Thistle) (Perennial)

Ritro. Striking hardy plants, with handsome silvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. 2 to 3 feet. July. Pkt., 10c; ¼ oz., 25c.

ERYSIMUM (Annual)

Perofskianum. This border plant is one of the sweetest scented annuals in cultivation. It is a beautiful orange yellow. 1½ feet. Pkt., 10c; ½ oz., 25c.

ESCHSCHOLTZIA (California Poppies)
(Annual)

Beautiful plants being of the easiest culture and giving great satisfaction. From spring-sown seeds they flower profusely until late in the autumn, making them valuable bedding plants. 1 foot.

	Pkt.	½ Oz.
California. Bright yellow.....	\$0.10	\$0.25
Carmine King. Carmine-rose.....	.10	.25
Purple Glow .....	.10	.25

Ramona. A frilled form of the beautiful California Poppy. Color coppery orange. Pkt., 10c; ¼ oz., 25c.

Mixed. Pkt., 5c; 1 oz., 25c.

EUPHORBIA (Poinsettia) (Annual)

Variegata (Snow-on-the-Mountain). Green foliage, veined and margined white. 2 to 4 feet. Pkt., 10c; ½ oz., 25c.

Heterophylla (Mexican Fire Plant or Fire-on-the-Mountain). Resembling the beautiful hothouse poinsettia in habit and color. About 3 feet. Pkt., 10c; ½ oz., 35c.

EVERLASTING OR STRAWFLOWERS
(Annual)

These should be grown in every garden, not only for summer blooming, but also as dried cut flowers for winter decoration. Mixed colors. Pkt., 10c; ½ oz., 25c.

FERN SPORES

	Pkt.
Fine Mixed. Greenhouse species.....	\$0.20
Hardy. Species for outdoors.....	.20

FEVERFEW (Matricaria)

They are perennials, but may be treated as annuals.

An old garden favorite. Elegant for bedding and cutting. June to August.

Double White. About 2 feet. Pkt., 10c; ½ oz., 35c.

Golden Ball. Yellow. 8 inches. Pkt., 15c; ¼ oz., 50c.

FOUR O'CLOCKS (Marvel of Peru) (Annual)

This is another good old-fashioned flower of bushy habit, bearing hundreds of flowers during the season, of white, yellow, crimson and violet. Suitable for background border. 3 feet. Mixed. Pkt., 5c; oz., 15c; ¼ lb., 45c.

FUCHSIA (Eardrops) (Tender Perennial)

Finest Mixed. A pot plant. 1 to 4 feet. Pkt., 25c.



Eschscholtzia

FORGET-ME-NOT (Myosotis) (Perennial)

Beautiful half hardy perennials, succeeding best in moist shady situations. Sown in the spring they will flower in the fall. If wanted for early spring flowering, seed should be sown in frames in July and August.

Palustris semperflorens. An everblooming variety beginning in May and June. An excellent variety for rock garden. Large, clear blue, 8 inches. Pkt., 15c; 1/8 oz., 35c.

Indigo Blue. Indigo-blue flowers produced on long sprays which are excellent for cutting, 9 inches. Pkt., 10c; 1/4 oz., 35c.

Oblongata perfecta. A very fine variety for forcing. Deep blue flower. 1 ft. Pkt., 10c.

Victoria Rose. Dwarf. 8 inches. Pkt., 15c; 1/8 oz., 35c.

Victoria Blue Dwarf. Bright azure blue. Very early. 8 inches. Pkt., 15c; 1/8 oz., 35c.

Mixed. Pkt., 10c; 1/4 oz., 35c.

GAILLARDIA (Annual) (Blanket Flower)

Splendid showy annuals, remarkable for the profusion and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting. 1 1/2 ft.

Double Mixed. Pkt., 5c; 1/2 oz., 25c

Single Mixed. Pkt., 5c; 1/2 oz., 25c

GAILLARDIA GRANDIFLORA (Perennial)

Showy garden plants for beds or borders, producing from early summer until fall, gaily colored single flowers. The flowers should be kept picked to insure a continuance of bloom. Hardy perennial but blooms the first year from early sown seed. 2 to 2 1/2 feet.

Burgundy. The shining wine-red blooms about 2 1/2 inches in diameter are produced liberally on long stems by the bushy plants. 2 1/2 feet high. Pkt., 10c; 1/4 oz., 40c.

Portola Hybrids. Bronzy red with golden-tipped petals. Pkt., 15c; 1/4 oz., 50c.

Dazzler. Large, dull red flowers. Pkt., 10c; 1/4 oz., 40c.

Compacta Mixed. Pkt., 10c; 1/2 oz., 40c.

GERANIUMS (Tender Perennial)

These grow readily and produce blooming plants the first summer, if the seed is sown indoors early in the spring. 1 to 1 1/2 feet.

Zonale. Mixed. Pkt., 10c; 1/4 oz., 40c.

Apple Scented. Highly esteemed on account of its fern-like fragrant foliage. 1 foot. Pkt., 15c.

**GERBERA (Transvaal Daisy)
(Tender Perennial)**

Jamesoni Hybrids. Splendid greenhouse perennials with large daisy-like flowers; fine for pot plants or for cutting. These hybrids include many brilliant colors and shades. 2 feet. Pkt., 25c.

GEUM (Perennial)

Beautiful hardy plants, bearing a profusion of large, showy double flowers. May and June. Elegant cut flowers.

Lady Stratheden (Golden Ball). It is a counterpart of the popular scarlet variety Mrs. Bradshaw, only the blooms are a rich golden yellow. 1 1/2 to 2 feet. Pkt., 15c; 1/8 oz., 35c.

Mrs. Bradshaw. Double. The orange-scarlet flowers are very large and full. Blooms the first year. 1 1/2 to 2 feet. Pkt., 15c; 1/4 oz., 50c.

GILIA (Annual)

Capitata Blue. Attractive and graceful, with small round flower-heads borne profusely on plants 15 to 24 inches tall. The plants begin blooming in 10 to 12 weeks after sowing. Pkt., 10c; 1/2 oz., 25c.



Gaillardia

GLOXINIA (Tender Perennial)

Gloxinias are most charming greenhouse plants, of dwarf habit, many of which are magnificently spotted, mottled and blended. 1 foot.

Giant Hybrids. Mixed. Pkt., 25c.

GODETIA (Annual)

The flowers are of delicate colors. Thrives well in a shady situation. Excellent bedder. 1 1/2 feet.

Mixed. Pkt., 10c; 1/2 oz., 25c.

GOMPHRENA (Annual)

Also called "Bachelor's Buttons"; showy, everlasting; flowers resemble clover heads and when dried are used for winter bouquets; fine for bedding. 1 1/2 feet.

	1/2 Oz.	Pkt.
Pink	\$0.30	\$0.10
Purple .....	.30	.10
Mixed .....	.20	.05

GOURDS—ORNAMENTAL (Annual)

They attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.

	Pkt.
Dipper	\$0.05
Dishcloth. Sponge-like.....	.05
Hercules' Club. The longest of any.....	.05
Japanese Nest Egg. Resembles hen's eggs....	.05
Pipe Calabash. Used in making pipes.....	.05
Sugar Trough. Very light, but durable.....	.05
Small Varieties. Mixed. 1 oz., 25c.....	.05

GRASSES—ORNAMENTAL

For large beds or groups on lawns used in many of the finest public parks, etc.

	Pkt.
Gynerium Argenteum (Pampas Grass). 6 feet. Perennial	\$0.10
Eulalia Zebrina (Zebra Grass). Light green, barred with creamy white; hardy.....	.10
Pennisetum Rueppelianum. Purple fountain grass. 3 feet. Annual.....	.10
Pennisetum Longistylum. 2 1/2 feet. Tender ornamental grass, valuable for border. Annual .....	.10
Stipa Pinnata (Feathered Grass). Hardy. 2 to 3 feet.....	.10
Mixed. 1/4 oz., 25c.....	.10

GREVILLEA (Silk Oak) (Tender Perennial)

Robusta. A very beautiful and graceful decorative plant with fern-like foliage. 1 to 5 feet. Pkt., 10c; 1/4 oz., 30c.



Helichrysums

HELIOPSIS (Perennial) (Orange Sunflower)
Lemoine Strain. A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season. The semi-double flowers are of a beautiful deep golden yellow color, about 2 inches in diameter, and very graceful for cutting. Blooms the first year from early sown seed. **Pkt., 15c.**

HELIOTROPE (Tender Perennial)
This fragrant plant has an individual charm all of its own. Its green foliage and large clusters of dark blue to deep violet flowers lend themselves in the border to pleasant contrasts.
St. L. S. Co.'s Giant Mixed. Delightfully fragrant flowering plants, growing about 18 inches high; great favorites for pot culture and bedding. **Pkt., 10c; ¼ oz., 35c.**
Queen Margaret. Beautiful deep blue. 2 feet. **Pkt., 10c; ⅛ oz., 30c.**

HEUCHERA (Perennial)
Sanguinea splendens. The flowers are rich crimson. Blooms profusely from late May and June. Grows about 12 inches tall, and is excellent for cutting or rock work. **Pkt., 15c.**

HIBISCUS (Marshmallow) (Perennial)
Mallow Marvel. A greatly improved form: gigantic single flowers; many shades of red, pink, rose and white in mixture. Useful for background borders. July. 4 feet. **Pkt., 10c; ½ oz., 35c.**

HOLLYHOCKS (Perennial)
Sow seed in May, in open ground and in the autumn transplant to permanent position two or three feet apart. The following summer they will bloom.
Imperator. Giant Mixed. Petals elegantly frilled and deeply fringed, in the center of which appears a very double rosette about 2 inches across. **Pkt., 15c; ⅛ oz., 35c.**
Exquisite Double Fringed Mixed. This beautiful mixture contains the most artistic shades. **Pkt., 15c; ⅛ oz., 35c.**

Newport Pink. It is the finest pure pink, double variety. **Pkt., 10c; ¼ oz., 35c.**
Chater's Superb Double. An extra fine strain.

	Pkt.		Pkt.
Deep Rose.....	\$0.10	White	\$0.10
Salmon Pink .....	.10	Crimson .....	.10
Maroon .....	.10	Yellow .....	.10

Mixed, pkt., 10c; ¼ oz., 35c.
Single Mixed. Flowers mammoth in size. **Pkt., 10c; ½ oz., 25c.**

HOLLYHOCKS—ANNUAL EVER-BLOOMING
Sown early in spring they will bloom the first season.
Double Ever-blooming Mixed. **Pkt., 10c; ½ oz., 40c.**

GYPSOPHILA (Annual)
Gypsophilas are valuable for bouquet-making. 1½ feet.

	Pkt.	Oz.
Paris Market. White.....	\$0.10	\$0.25
Rosea Elegans. Rose.....	.10	.25

GYPSOPHILA (Perennial)
Paniculata (Baby's Breath). Flowers single white. July. 3 feet. **Pkt., 10c; ½ oz., 25c.**
Paniculata, Fl. Pl. Double flowering Baby's Breath. 2½ feet. **Pkt., 15c; ⅛ oz., 50c.**
Repens Mixed (Dwarf Baby's Breath). Splendid in rockery. 6 inches. June. **Pkt., 10c.**
"Pacifica." Rose colored; begins to flower when the paniculata varieties have passed. Excellent for cutting. August. **Pkt., 15c.**

HELIANTHEMUM (Rock or Sun Rose) (Perennial)
Mixed. An excellent dwarf spreading perennial for dry soils. Flowers in rose, pink, and white, during May and June. 8 inches. **Pkt., 10c; ¼ oz., 35c.**

HELICHRYSUM (Strawflower) (Annual)
One of the best and most popular of the everlasting flowers. 2 to 2½ feet.

	½ Oz.	Pkt.
Canary Yellow.....	\$0.35	\$0.10
Fireball. Crimson.....	.35	.10
Salmon Pink.....	.35	.10
Silver Ball. White.....	.35	.10
Violet Queen.....	.35	.10
Golden Ball. Golden yellow.....	.35	.10
Carmine Rose.....	.35	.10
Mixed .....	.25	.05



Gypsophila

HONESTY (Moonwort) (Biennial)

Lunaria Biennis alba. Admired for its silvery seed pods which are used for ornamental purposes. May. 3 to 4 feet. Pkt., 10c; ¼ oz., 35c.

HOP (Annual)

Japanese Variegated. Rapid summer climber, in three or four weeks time attaining a height of 10 to 20 feet. Pkt., 10c; ½ oz., 25c.

HUNNEMANNIA (Annual)

Fumariaefolia. The plants grow into a shrubby bush 1½ feet high and produce large cup-shaped flowers. Bedding and cutting. July. Yellow. Pkt., 10c; ½ oz., 35c.

ICE PLANT (Annual)

Handsome and curious plant for hanging baskets, rock work, vases and edgings. 8 inches. Spreading. Pkt., 10c; ½ oz., 35c.

IMPATIENS SULTANA (Tender Perennial)

The Zanzibar, or Sultan's Balsam. Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. Mixed. 1½ feet. Pkt., 15c.

INCARVILLEA (Perennial)

Variabilis Hybrids. (Chinese Gloxinia.) Having beautiful tubular shaped begonia-like flowers of pink, salmon and yellow, a fine plant for beds and borders. Although a perennial, it blooms the first season from spring-sown seed. 2 feet. June to October. Mixed. Pkt., 15c.

KOCHIA (Burning Bush) (Annual)

An easily grown foliage or hedge plant which makes a very rapid growth and presents an extremely symmetrical appearance. Called "Mexican Fire Plant." 2 to 3 feet. Pkt., 5c; 1 oz., 25c.

KUDZU VINE (Perennial)**Jack-and-the-Bean-Stalk**

A twining vine of remarkably rapid growth, hardy foliage large and lobed; purple, pea-shaped flowers in clusters, borne late in the season. 40 to 50 feet. Pkt., 10c; oz., 35c.

LANTANA (Annual)

Hybrid (Dwarf Mixed). They will be found a great improvement upon the older sort, and a splendid acquisition to our list of window and bedding plants. 1 foot. All summer. Pkt., 10c; ¼ oz., 25c.

LARKSPUR (Annual)

Of easy culture. Seed sown early in spring will produce blooming plants by July. Seed may be sown in fall. Flowers of many beautiful colors produced on spikes. (Good cut flower).

GIANT IMPERIAL BRANCHING

These Larkspurs are ideal for cut flowers as the flower stems, three to four feet long, branch from the base of the plant.

Blue Spire. Deep blue. Pkt., 15c; ¼ oz., 35c.

Carmine King. Deep carmine. Pkt., 15c; ¼ oz., 35c.

Daintiness. Lavender. Pkt., 15c; ¼ oz., 35c.

Exquisite Pink. Soft pink. Pkt., 15c; ¼ oz., 35c.

Exquisite Rose. Deep rose. Pkt., 15c; ¼ oz., 35c.

Lilac Spire. Beautiful lilac. Pkt., 15c; ¼ oz., 35c.

Miss California. Salmon pink. Pkt., 15c; ¼ oz., 35c.

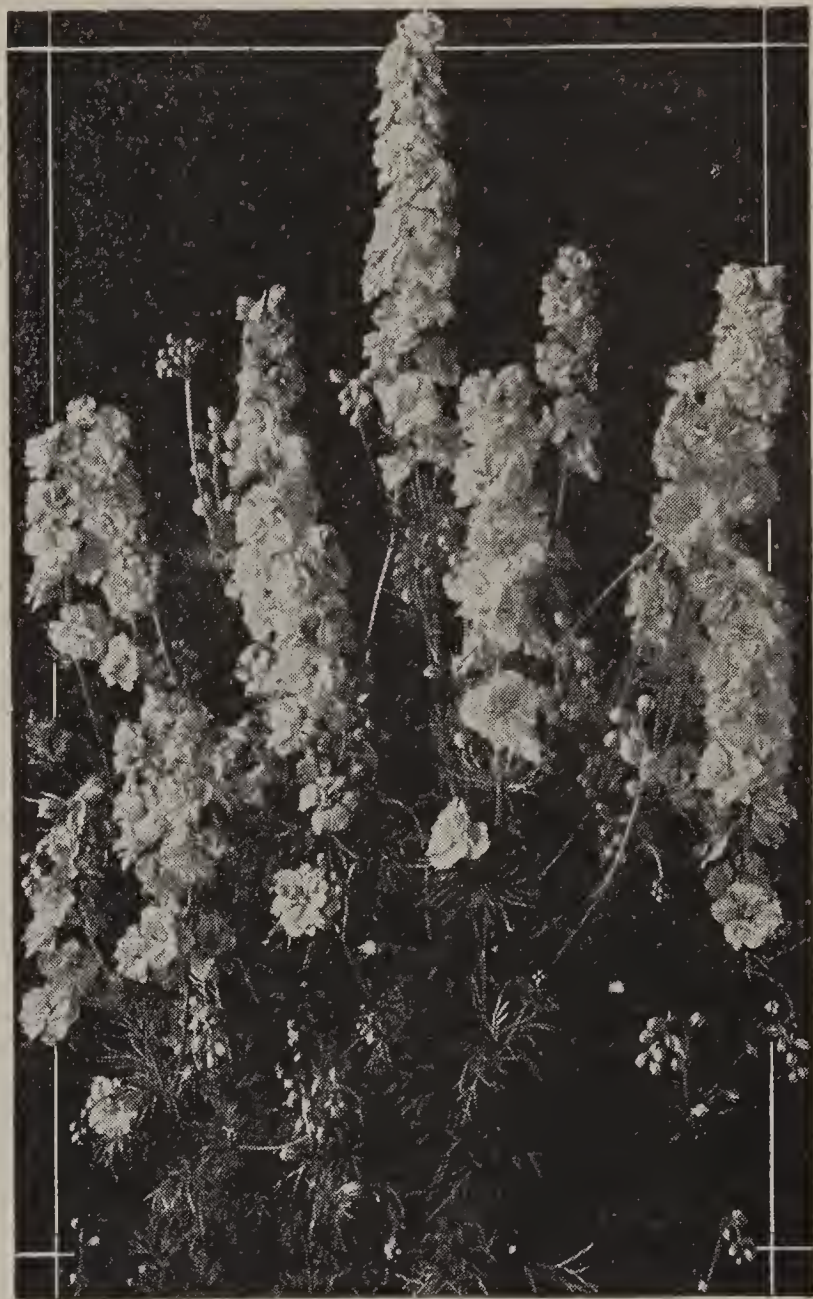
White Spire. Pure white. Pkt., 15c; ¼ oz., 35c.

Giant Imperial Mixed. Pkt., 15c; ¼ oz., 35c.

DOUBLE STOCK FLOWERING TALL

A wonderful cut flower and should be planted generously.

	Pkt.		Pkt.
Dark Blue.....	\$0.10	White	\$0.10
Rose .....	.10	Rosy Scarlet.....	.10
Lustrous Carmine..	.10	La France Pink...	.10
Lilac .....	.10	Sky Blue.....	.10
Rosamond. Rose..	.10	Mixed. ½ oz., 25c..	.05



Larkspur

LARKSPUR—Continued

Emperor Dwarf Branching Double Stock Flowered. About 24 inches high. Produces an abundance of long, slender spikes in the most delicate colors. Mixed. Pkt., 10c; ½ oz., 35c.

GIANT HYACINTH FLOWERED

The flowers are large, very double and borne on spikes resembling a double Hyacinth. 3 feet. Mixed Colors. Pkt., 10c; ½ oz., 35c.

LAVATERA (Annual Mallow)

Rosea splendens. A very beautiful and showy annual growing about 2 feet high and covered during the entire summer with large shrimp-pink flowers. Excellent for border and cutting. Pkt., 10c; ½ oz., 25c.

LAVENDER (Lavandula Vera) (Perennial)

Well-known, hardy perennial, bearing long spikes of fragrant blue flowers; excellent for the mixed border. 1 foot. June. Pkt., 10c.

LEPTOSIPHON (Annual)

A most attractive free-blooming border plant.

Hybridus. An easily grown annual, growing from 8 to 10 inches tall. It is suited for sunny places in borders. This mixture contains various shades of cream, yellow, orange, carmine, brown, lilac and purple. Pkt., 10c; ½ oz., 35c.

LIATRIS (Blazing Star) (Perennial)

Mixed. A showy border plant, with large spikes of rosy and violet-purple flowers. A fine cutting variety. 2 to 3 feet. July and August. Pkt., 10c.

LILY, REGAL (Perennial)
(Lilium Myriophyllum)

The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. Blooms out-of-doors early in June, and seedling bulbs will flower the second year. 3 feet. Pkt., 15c; ¼ oz., 35c.

LINARIA (Perennial)

Cymbalaria (Kenilworth Ivy). A pretty perennial of trailing habit that can be treated as an annual. Sow the seed in hotbed in March. Flowers are bright lilac with a yellow throat. Very good for rock garden. July and September. 3 inches. Pkt., 15c.

LINUM

Scarlet Flax. One of the most effective and showy bedding plants of long duration, with brilliant scarlet-crimson flowers. Annual. 15 inches. Pkt., 10c; ½ oz., 25c.

Perenne. Perennial. A desirable plant for the hardy border or rockery; light graceful foliage and large blue flowers. May and June. 1½ feet. Pkt., 10c; ½ oz., 30c.

LOBELIA (Annual)

The annual Lobelias are plants of dwarf, compact growth, 4 to 6 inches in height, covered with numerous small flowers. Very pretty when grown as an edging, also for hanging baskets.

Crystal Palace Compacta. Large and deep blue flowers and bronzy foliage. 4 inches. Pkt., 10c; ⅛ oz., 30c.

Florists' Favorite Compacta. Brilliant dark blue with white eyes. Very dwarf. Pkt., 10c; ⅛ oz., 30c.

Sapphire. Trailing Lobelias. This variety is of remarkably strong growth. Flowers deep blue. Pkt., 15c.

Cardinalis. Rich crimson flowers on fine long stems 2 to 4 feet tall. July to September. Delights in moist soil. Perennial. Pkt., 25c.

LUPINUS (Lupine) (Annual)

Free flowering, easily grown, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade. 2 to 3 feet.

	1 Oz.	Pkt.		1 Oz.	Pkt.
Dark Blue..	\$0.35	\$0.10	Roseus	\$0.35	\$0.10
White .....	.35	.10	Yellow .....	.35	.10
Sky Blue....	.35	.10	Mixed .....	.25	.05

Texas Blue Bonnet. Pkt., 10c; ½ oz., 30c.

New Hartwegi Giants Mixed. Have the base branching habit, with four to six long spikes to a plant. Colors include dark blue, sky blue, rose and white. Easily grown from seed. Pkt., 15c.

PERENNIAL VARIETIES

A beautiful perennial of easy culture, with graceful spikes of pea-shaped flowers; excellent for cutting. 2½ to 3 feet. May and June.

	½ Oz.	Pkt.		½ Oz.	Pkt.
Blue	\$0.25	\$0.10	Sunshine		
Rose .....	.25	.10	Yellow	\$0.25	\$0.10
			White .....	.25	.10
			Mixed .....	.25	.10

LYCHNIS (Burning Star) (Perennial)

Chalcedonica (Jerusalem Cross). 3 feet. June to August. Flowers which are of the most fiery red imaginable appear in clusters. Pkt., 10c.

LYTHRUM (Loosestrife) (Perennial)

Roseum. A fine hardy perennial, producing spikes of rosy pink flowers, good for massing, July and August. 3 feet. Pkt., 10c.

MALOPE (Mallow-Wort) (Annual)

3 feet. Showy plants for large mixed flower and shrubby borders. July and August.

Grandiflora Mixed. Pkt., 10c; ½ oz., 25c.

TAGETES, SIGNATA PUMILA

A dwarf Marigold, 6 to 8 inches high; and literally covered with small bright yellow flowers with a brown stripe down the center of each petal. Splendid for edging or rock gardens. Pkt., 15c.



Marigold

Marigolds (Annual)

The African and French Marigolds are old favorite free-flowering annuals of easy culture.

AFRICAN MARIGOLD TALL DOUBLE

Guinea Gold. A type of Tagetes for cut flowers. Brilliant shade of orange flushed gold. 2 to 2½ feet. Pkt., 10c; ½ oz., 40c.

Lemon Queen. Tall growing plants bearing large, double flowers. Petals quilled. Color soft lemon yellow. 3 feet. Pkt., 10c; ½ oz., 40c.

Orange Prince. The same type of plant and flower as Lemon Queen, but color is rich, deep orange. 3 feet. Pkt., 10c; ½ oz., 40c.

Yellow Supreme. Plants are 24 to 30 inches tall, healthy, vigorous, and free branching. The flowers are about 3 inches in diameter, with broad, loose, frilled petals of rich, creamy yellow flowers. Pkt., 15c; ¼ oz., 35c.

Double Tall Mixed. A tall mixture well adapted for large beds. 3 to 4 feet. Pkt., 5c; ½ oz., 35c.

TALL DOUBLE FRENCH MARIGOLD

Royal Scot. This Marigold is the most striking yet introduced. The large well formed double flowers are produced in abundance on plants from 24 to 30 inches in height. The color is a charming combination of mahogany and gold in symmetrical stripes which radiate from the center of the flower. Pkt., 10c; ¼ oz., 25c.

DWARF SINGLE FRENCH MARIGOLD

Legion of Honor (Little Brownie). A single flowering Marigold, forming compact bushes 9 inches high. Flowering early, commencing in June, continuing until frost. Pkt., 5c; ½ oz., 25c.

DWARF DOUBLE FRENCH MARIGOLDS

Few annuals are as effective as the French Marigolds; they all form dense bushes not over 10 inches high, and are unequalled for borders or beds.

Harmony. Color, golden yellow and reddish brown. In the garden or as a cut flower, the velvety beauty of Harmony always delights the eye. Pkt., 15c; ¼ oz., 35c.

Golden Ball. A splendid pure golden yellow. Pkt., 10c; ½ oz., 25c.

French Dwarf Double Mixed. A splendid mixture from fine double flowers. Pkt., 5c; ½ oz., 25c.

Monarch Strain Double Mixed. Pkt., 10c; ½ oz., 35c.

MATTHIOLA (Annual)

Bicornis (Evening Scented Stock). A desirable border plant, delightfully fragrant during the evening; color, purplish lilac. 1 foot. July to September. Pkt., 10c; ½ oz., 25c.

MIGNONETTE (Reseda) (Annual)

A well known hardy annual producing dense cone-shaped flower-spikes, made up of thickly set florets. Thrives best in a cool temperature. July and August.

Allen's Defiance. Will throw flower stalks of a foot in length, delightful fragrance. Pkt., 10c; ½ oz., 25c.

Golden Machet. Distinct variety of Machet, with spikes of golden yellow blossoms. Pkt., 10c; ½ oz., 25c.

Red Goliath. The flower spikes are 6 to 8 inches long, 2½ inches in diameter. 1 foot. Pkt., 10c; ¼ oz., 25c.

New York Market. Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored. Pkt., 15c; ¼ oz., 35c.

Large Flowering. Mixed. Pkt., 5c; 1 oz., 25c.

Marvel of Peru. See Four O'clock on page 10.

MIMULUS (Annual)

Showy, profuse flowering plants; fine for moist, shady situations; fine for edging and rockery.

Moschatus (Musk Plant). Small yellow flowers, fragrant foliage. 6 inches. Pkt., 10c.

Tigrinus (Monkey Flower). Spotted; mixed. 8 inches. Pkt., 10c.

MINA LOBATA (Annual)

A valuable Mexican climber which flowers late in the season and is of luxuriant growth. The vine is clothed with large heart-shaped leaves deeply lobed and bears many handsome floral sprays in pairs. The buds are scarlet and as the blossoms expand they turn through brilliant orange to primrose. Pkt., 10c.

MORNING GLORIES (Annual)

Heavenly Blue (Early Flowering Rubro Coerulea). The flowers measure from 2½ to 3 inches across, sky-blue with a white throat. They are profuse bloomers and during a long season the vines are a mass of baby-blue blossoms. Sow seeds where they are to remain. Pkt., 10c; oz., 40c.

Imperial Japanese Mixed. The flowers attain a large size and appear in a wide range of radiant colors. Pkt., 10c; oz., 20c.

Rochester. Deep violet-blue in the throat, blending out to an azure-blue. Pkt., 10c; oz., 20c.

Setosa (Brazilian Morning Glory). The flowers are of beautiful rose. Pkt., 10c; oz., 20c.

St. L. S. Co.'s New Japanese Giant. The flowers of this variety are of largest size; very odd shades. Pkt., 15c; oz., 50c.

Fine Mixed. Pkt., 5c; oz., 15c; ¼ lb., 45c.

MOONFLOWER (Ipomoea) (Annual)

White, Large Flowering. One of the most vigorous summer climbers and will grow under favorable conditions 30 to 40 feet and be covered evenings and cloudy days with very large, white trumpet-shaped flowers. Seed should be cut with a sharp knife, care being taken not to cut any deeper than the hard shell. August to October. Pkt., 10c; oz., 25c.

Blue. Pkt., 10c; oz., 25c.

Giant Pink. Soft lilac-pink. Pkt., 10c; oz., 25c.



Morning Glory (Heavenly Blue)

Nasturtiums (Annual)**DOUBLE NASTURTIIUM**

Golden Gleam. This variety has received great merit wherever grown and where flowers have been placed for exhibition. 2 feet high. Pkt., 10c; oz., 15c; ¼ lb., 40c.

Golden Globe. A true dwarf type of the popular Golden Gleam. Pkt., 10c; oz., 15c; ¼ lb., 40c.

Scarlet Gleam. Pkt., 10c; oz., 15c; ¼ lb., 40c.

Gleam Hybrids. Pkt., 10c; oz., 15c; ¼ lb., 40c.

SHAW'S GARDEN HYBRIDS

The prettiest strain of Dwarf Nasturtiums. There's really no comparison in the beauty and color of the flowers. Mixed. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.35.

HYBRIDS OF MME. GUNTHER

Climbing about six feet and covered from spring to fall with large substantial flowers of the most brilliant shades. Mixed. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.35.

NEMESIA (Annual)

Compact, low growing plants producing an abundance of bright colored flowers of distinctive shape. The flowers are borne somewhat above the foliage and range in color from white through pale yellow and rose to orange and crimson. Excellent for bedding. 8 inches. June and July. Dwarf Mixed. Pkt., 15c; ¼ oz., 40c.

NEMOPHILA (Annual)

Free flowering, of very neat compact habit. Flowers are cup-shaped, appearing in many brilliant colors, the blue shades being particularly striking. For shady border. 6 inches. June and July. Mixed. Pkt., 10c; oz., 30c.

NIEREMBERGIA (Annual)

Frutescens. Flowers white, shading to and veined lavender, an exceedingly graceful plant for hanging baskets and rockwork. All summer. 1 foot. Pkt., 10c.

NICOTIANA (Annual)
Ornamental Tobacco

Affinis. An annual with sweet-scented, pure white star-shaped flowers. Border and cutting. 2½ ft. Pkt., 10c; ½ oz., 25c.
Sanderae. The entire bush is covered with large brilliant carmine-red flowers. 2½ feet. Pkt., 10c; ½ oz., 35c.

OENOTHERA (Evening Primrose)

Lamarckiana. They grow in branching form two feet in height and produce single poppy-like flowers of yellow color. Excellent for bedding and border. June to September. Annual. Pkt., 10c; ½ oz., 25c.

NIGELLA (Love-in-a-Mist)
(Annual)

Lovely garden annuals, with finely cut green foliage, and curious looking flowers and seed pods. Splendid for beds and cutting. July and August.

Double Blue, Miss Jekyll. A lovely variety, with cornflower-blue blossoms. 18 inches. Pkt., 10c; oz., 25c.

Double Mixed. Compact, free-flowering plants. Blue and white shades; 18 inches. Pkt., 10c; oz., 25c.

St. Louis Seed Co.'s Giant Pansies
(Tender Perennial)

Culture: Seed may be sown indoors very early in spring, or a little later in the open ground, transplanted when an inch high. Such plants will commence to bloom in June. If sown in July, the plants will bloom in the fall, or if sown in September, the following spring. Well pulverized soil should be used and the seeds covered one-eighth to one-fourth inch deep with fine soil firmly pressed down. The largest and best flowers are produced by young plants which have been grown rather slowly in a partially shaded situation, and in very rich soil; coolness and moisture are necessary. A situation sheltered from high winds and exposed to the morning sun is most favorable and frequent sprinklings are advantageous.

St. L. S. Co.'s Exhibition. The colorings of this pansy are mixed, there being no end to the numerous shades which nature has endowed upon this gigantic marvel, every petal being a veritable display of shades and coloring in itself. Pkt., 25c; ⅛ oz., \$1.00.

Steele's Miracle Mixed. A superior mixture containing the finest types. Pkt., 35c; ⅛ oz., \$1.25.

Masterpiece. This grand Giant Pansy is remarkable in having the borders of the petals waved or frilled which gives the flower an almost double appearance. Pkt., 15c; ⅛ oz., 65c.

St. L. S. Co.'s "Nonpareil" Mixture. The flowers are of a large size and the plants grow taller than other mixtures. Pkt., 20c; ⅛ oz., 75c.

Imperial Giant Mixed. They embrace all the solid or self-colors delicately shaded, of various colors, dark and light marbled with clear, distinct eyes. Pkt., 15c; ⅛ oz., 65c.

Fine Mixed. The flowers of this splendid mixture are of good size, very fine form and colors. Pkt., 5c; ½ oz., 35c.

Trimardeau Giant Mixed. Extra large flowers. Most of the flowers have three large blotches or spots. Pkt., 10c; ¼ oz., 40c.

Pansy Plants Ready April 1st. Price 12 plants, 60c (By Express Only).

EARLY FLOWERING

Sweet Scented Mixed. With slight protection, such as meadow hay, plants winter over in the open ground. Pkt., 10c; ¼ oz., 40c.



Giant Pansy.

TUFTED PANSIES, OR VIOLA CORNUTA
(Perennial)

Few plants are of more general usefulness in the garden or possess more good qualities than the Viola Cornuta.

	¼ oz. Pkt.		¼ oz. Pkt.
Light Blue...	\$0.35 \$0.10	White	\$0.35 \$0.10
Dark Blue...	.35 .10	Mixed .....	.35 .10
Yellow .....	.35 .10		

PASSION FLOWER (Hardy)

Passiflora Incarnata. Tall climbing strong perennial vine. The flowers are a delicate sky blue shade, followed by egg shaped fruits. Easy to grow from seed. Pkt., 15c.

PENTSTEMON GLOXINIAFLORA (Beard Tongue)
(Perennial)

Beautiful plant for the hardy border. The large Gloxinia shaped blossoms vary from pure white, pink, rose and crimson to mauve and purple. Height, 2½ feet. June and July. Mixed. Pkt., 15c.

St. Louis Seed Co.'s Selected Petunias

Culture: Plant the seed, which is exceedingly fine, in a warm, open, sunny place. Seeds may be sown directly in the open ground or for early results the plants may be started in cold frame, hot-bed or in pots indoors, in a temperature averaging 60 to 70 degrees. Water with a fine spray and do not permit the seedlings to dry out.

PETUNIAS, DWARF OR BEDDING

These plants only grow about 12 inches high and while branching freely from the base they nevertheless remain quite compact.

Rose Gem (Nana Compacta). A new miniature Petunia of compact growth, about 6 inches high with rose-pink flowers. **Pkt., 15c.**

Lace Veil. Dwarf white fringed. Fine for beds, borders and window boxes. The finely fringed, waved edges give the impression of white lace. 1 foot. **Pkt., 25c.**

Dwarf Cockatoo. The flowers are a velvety violet-purple with irregular sized white spots. **Pkt., 10c.**

Dwarf Giants of California. Extra large flowers, which are fringed; the colorings, markings, veinings, blotches, etc., are superb. **Pkt., 35c.**

Dwarf Fringed Red (Gottfried Michaelis). The compact bushes grow about 12 inches high, covered with red fringed flowers. **Pkt., 25c.**

Dwarf Heavenly Blue. Light or silvery blue. **Pkt., 10c; 1/8 oz., 35c.**

Crimson. A beautiful deep red. Of compact growth. **Pkt., 10c; 1/8 oz., 35c.**

Rosy Morn. Compact in habit, producing throughout the summer an abundance of clear rosy pink flowers. **Pkt., 10c; 1/8 oz., 35c.**

New Rosy Morn. A decided improvement on the popular Rosy Morn. **Pkt., 15c; 1/8 oz., 50c.**

Rose of Heaven. Color rich brilliant rose, darker than Rosy Morn. **Pkt., 10c; 1/8 oz., 35c.**

Setting Sun (Fringed Brilliant Rose). Forms compact bushes 12 inches high, covered with beautifully fringed blossoms of a brilliant rose pink measuring 3 inches across. **Pkt., 25c.**

Snow Queen. A fine compact sort, producing pure satiny white flowers. **Pkt., 10c; 1/8 oz., 35c.**

Striped and Blotched. Includes striped or blotched flowers in a wide range of brilliant colors. A fine bedder. **Pkt., 10c; 1/4 oz., 40c.**

Violet. A fine companion to Rosy Morn, same habit. Color violet-blue. **Pkt., 10c; 1/8 oz., 35c.**

Dwarf Mixed. Plants compact growing. A choice mixture of many shades and colors. Very desirable for beds. **Pkt., 10c; 1/4 oz., 40c.**



Petunia Lace Veil

VIGORO

Specially prepared plant food

DOUBLE PETUNIAS

Double Flowering Fringed Mixed. A rich assortment of the finest double strains. The finely formed, fully double blooms are beautifully ruffled and fringed. **Pkt., 35c.**

GIANT FRINGED AND RUFFLED

Giants of California. The richest colors, the largest flowers and the finest markings of all Petunias. **Pkt., 15c.**

Ruffled Giants. Flowers of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting. **Pkt., 25c.**

Martha Washington. Blush pink deepening to dark violet throat, dwarf, compact, free-flowering. **Pkt., 25c.**

GIANT PORTLAND PETUNIAS

Theodosia. Soft rose-pink. **Pkt., 15c.**

Pink Triumph. The best bright pink. **Pkt., 15c.**

Elk's Pride. Large; deep royal purple. **Pkt., 15c.**

Pride of Portland. Deep rose-pink. **Pkt., 15c.**

Romany Lass. Color shading from cherry-red to deep maroon. **Pkt., 15c.**

White Beauty. Giant flowering white. **Pkt., 15c.**

Mixed Colors. **Pkt., 15c.**

BALCONY PETUNIAS

For Window Boxes and Bedding

A fine large and free-flowering type of single Petunias, especially suited for window boxes, vases, and hanging baskets.

	Pkt.		Pkt.
Balcony Blue	.....\$0.15	Balcony Crimson	..\$0.15
Balcony Rose	..... .15	Balcony Mixed	.... .15

HALF DWARF PETUNIAS

All of the following are wonderfully effective in beds and borders. 18 inches high.

General Dodds. Blood-red; one of the best red Petunias; free blooming. **Pkt., 10c; 1/8 oz., 35c.**

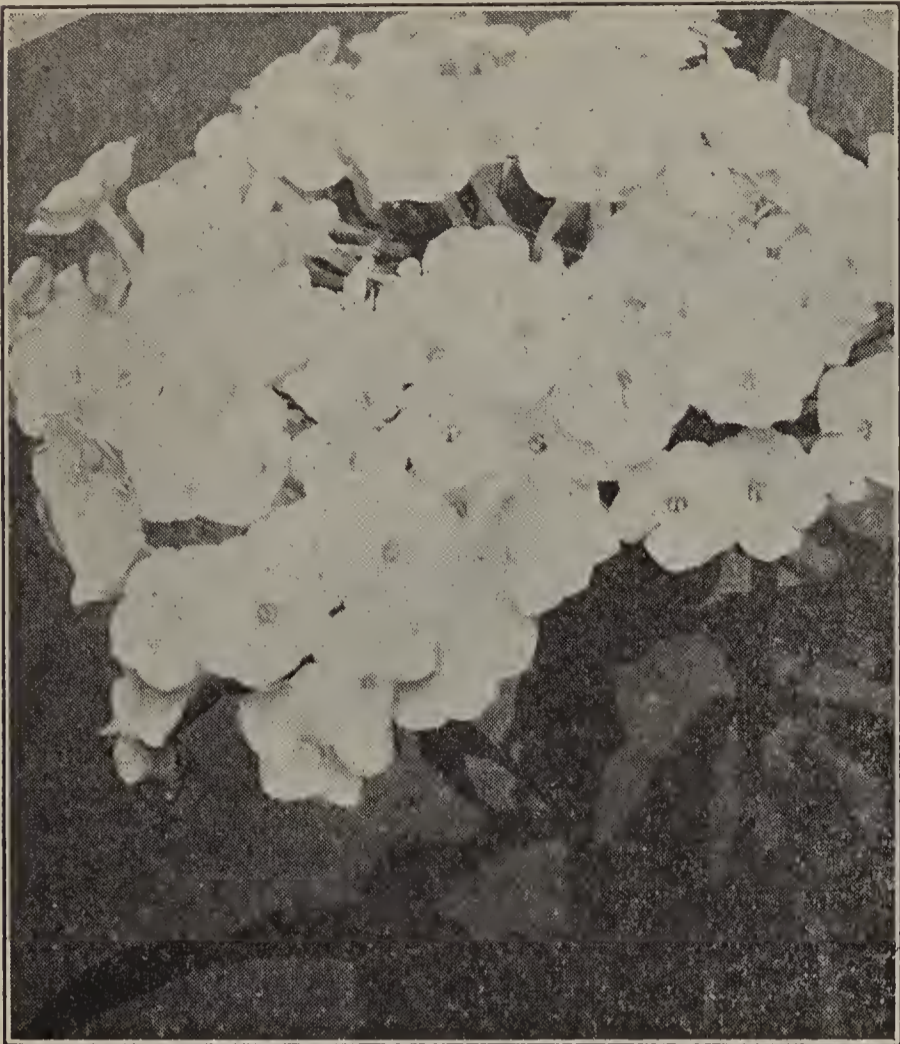
Howard's Star. Color crimson-maroon with a clearly defined five-point star of bluish white. **Pkt., 10c; 1/8 oz., 35c.**

Extra Choice Mixed. Made up from named large-flowering sorts. **Pkt., 10c; 1/4 oz., 40c.**

Fine Mixed. **Pkt., 5c; 1/2 oz., 40c.**



Petunia Ruffled Giant



Phlox Drummondii

PHLOX DRUMMONDI (Annual)

It occupies a first place as a garden annual.

Seed is usually sown very early in spring outdoors in rows one foot apart. A sunny situation is desirable. Well pulverized soil, preferably rich and mellow, should be used, and the seed which germinates rather slowly covered with about one-fourth inch of fine soil firmly pressed down. Thin to six inches apart; one foot high.

		¼ Oz.	Pkt.
Large Flowering.	White	\$0.35	\$0.10
Large Flowering.	Scarlet .....	.35	.10
Large Flowering.	Shell-pink .....	.35	.10
Large Flowering.	Deep rose .....	.35	.10
Large Flowering.	Dark purple .....	.35	.10
Large Flowering.	Fiery red .....	.35	.10
Large Flowering.	Violet .....	.35	.10
Large Flowering.	Mixed .....	.35	.10

PHLOX (Dwarf)

The plants grow very symmetrical, covered with flowers during the whole summer and fall. 6 inches.

		⅛ Oz.	Pkt.
Fireball.	A fine scarlet.....	\$0.30	\$0.10
Pink .....		.30	.10
Snowball.	Pure white.....	.30	.10
Dwarf Mixed.	All colors.....	.30	.10

Gigantea Art Shades. A new, very large flowering Phlox containing many lovely pastel shades. Pkt., 15c; ¼ oz., 50c.

Starred and Fringed Mixed. Very odd and pretty effect. Pkt., 10c; ¼ oz., 35c.

Fine Mixed. Bright, showy flowers. Good for cutting. 1 foot. Pkt., 5c; ½ oz. 40c.

PHLOX (Perennial)

Decussata. 2 to 3 feet. July-September. Perennial varieties mixed from a celebrated collection. Seed slow and erratic in germinating; the seedlings may not appear for a year. Pkt., 15c; ¼ oz., 50c.

PHYSALIS (Perennial)

Francheti (Chinese Lantern Plant). 1½ feet. Flowers yellow with dark center. Produces balloon-like husks the second year from seed, which turn bright red when ripe and resemble Chinese lanterns. Useful in winter bouquets. August and September. Pkt., 10c; ¼ oz. 30c.

PHYSOSTEGIA (Dragonhead) (Perennial)

Extremely beautiful with spikes of pink flowers, which are tube-shaped similar to a tiny antirrhinum blossom. Fine for border and cutting.

Virginica. Dense bushes with spikes of pink tubular flowers. 3 feet. June and July. Pkt., 15c.

PLATYCODON (Wahlenbergia) (Perennial)

Bearing large, broad, bell-shaped blue flowers; very handsome for border or among shrubbery. June to September.

Grandiflora Praecox. Blue. Pkt., 15c; ¼ oz., 50c.

Grandiflora Praecox. White. Pkt., 15c; ¼ oz., 50c.

POLEMONIUM (Jacob's Ladder) (Perennial)

Coeruleum. Popular border plant, with bell-shaped bluish-purple flowers. 1 to 2 feet. April to June. Pkt., 10c; ¼ oz., 30c.

POPPIES (Annual)

As early in spring as ground can be worked sow the seed, which is quite small, where the flowers are to bloom, as the annual varieties do not bear transplanting. Make rows 15 inches apart and cover seed lightly. When 2 inches high, thin from 6 inches to 1 foot.

American Legion or Flanders. Poppy dazzling orange-scarlet. 2 feet. Pkt., 10c; ½ oz., 25c.

Shirley Mixed. Color, pure white to rose-pink, carmine and deepest crimson. 20 inches. Pkt., 5c; oz., 25c.

Tulip Flowered Scarlet. Large, bright scarlet flowers. The two outer petals of the flower form a tulip cup. About 1½ feet. Pkt., 10c; ½ oz., 35c.

DOUBLE ANNUAL POPPIES

Double Shirley Mixed. Beautiful hybrids with large double and semi-double flowers in a wonderful range of colors. Pkt., 10c; oz., 35c.

Double Cardinal. Round as a ball. The flowers are of very large size and finely fringed. In color it is a glowing cardinal-red. 2 feet. Pkt., 10c; ½ oz., 25c.

Double Carnation Flowered. Large, showy flowers. 2 feet. Mixed. Pkt., 5c; oz., 25c.

ORIENTAL POPPIES (Perennial)

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. 2½ to 3 feet. May.

Dark Red. Extra large flowers. Pkt., 10c; ¼ oz., 40c.

Orange Scarlet. About 3 feet high, with large orange-scarlet flowers; having a conspicuous black blotch on each petal. Pkt., 10c; ⅛ oz., 50c.

Salmon Pink. Beautiful salmon-pink. Pkt., 10c; ¼ oz., 50c.

Oriental Hybrids Mixed. Saved from a large number of named sorts, embracing all of the colors. 2½ to 3 feet. Pkt., 10c; ¼ oz., 35c.

ICELAND POPPIES (Perennial)

Iceland Mixed. While these are hardy perennials, they flower the first year from spring sown seeds. They are of graceful habit, with fern-like foliage; the satin-like flowers are borne in endless profusion and are excellent for cutting. All summer. 1 foot. Pkt., 10c; ¼ oz., 35c.

El Monte. This variety is a California introduction; comes true from seed; strong wiry stems for cutting. Deep tangerine. 1½ feet. Pkt., 15c.



Portulaca

PORTULACA (Moss Rose) (Annual)

Few flowers make such a dazzling display of color in the bright sunshine as a bed of portulacas. The glossy cup-shaped single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc.

Sow seed outdoors, after weather is warm and settled, where the plants are to stand.

Single Mixed. Pkt., 5c; ½ oz., 25c; 1 oz., 45c.

Double Fine Mixed. Pkt., 10c; ¼ oz., 50c.

POTENTILLA (Flowering Strawberry) (Perennial)

A beautiful border plant, flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border naturalizing and rock work. June. 1½ feet. **Double mixed.** Pkt., 10c.

PRIMULA (Primrose) (Tender Perennial)

Chinensis (Chinese Primrose). The choicest colors of the single flowering Primulas in all their dainty shadings. Pkt., 25c.

Obconica Gigantea Mixed. Pkt., 15c.

Malacoides. Delicate lilac. Pkt., 15c.

PRIMROSE (Perennial)

Spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame. 6 to 12 inches.

Auricula. The fragrant flowers of many rich colors are borne in clusters. Pkt., 15c.

Polyanthus Veris. (Cowslip.) Fine for pot, outdoor culture, or rock garden. 12 inches. Pkt., 10c.

Vulgaris. True yellow Primrose; 6 inches. Pkt., 15c.

PYRETHRUM (Feverfew) (Perennial)

Roseum Grandiflorum Single Mixed. Flowers of enormous size, ranging from light pink to deep carmine; cutting. May to June. 2½ feet. Pkt., 10c; ¼ oz., 35c.

Hybridum Double Mixed. Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; 2 feet. Pkt., 15c; ⅛ oz., 40c.

RICINUS (Castor Oil Bean) (Annual)

Zanzibariensis. Surpasses all in beauty of colors, which include glaucous-green, coppery brown, metallic red; 8 to 10 feet. Pkt., 5c; oz., 15c; ¼ lb., 40c.

RICINUS—Continued

Borboniensis arboreus. The tallest of the Ricinus. 10 to 15 feet. Pkt., 5c; oz., 15c; ¼ lb., 40c.

Red Spire. An effective variety, with bronzy green foliage and rosy crimson seed spikes. 6 feet. Pkt., 10c; oz., 25c.

Gibsoni. Purplish leaves. 5 feet. Pkt., 5c; oz., 15c; ¼ lb., 40c.

Mixed Sorts. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

RUDBECKIA (Coneflower) (Perennial)

Newmani. An effective sort, producing in masses during August and September brilliant orange-yellow flowers; 2 feet. Pkt., 10c; ¼ oz., 40c.

Purpurea (Giant Purple Coneflower). Large and showy, reddish purple flowers with dark brown disc; 3 feet. July and August. Pkt., 10c; ¼ oz., 40c.

Golden Glow. Extra double. An effective yellow flower during August and September. 6 feet. Pkt., 10c.

SALVIA (Scarlet Sage) (Perennial but grown as Annual)

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers. Seed may also be sown in the open ground in May.

Early Souvenir. A very early variety and therefore most suitable for sowing out in the garden. Plants grow about 1½ feet high; spikes brilliant red flowers. Pkt., 25c; ⅛ oz., 60c.

America (Globe of Fire). Dwarf bushy habit. Plants grow about 16 inches high. Pkt., 15c; ⅛ oz., 35c.

Bonfire. Its erect spikes of brilliant scarlet flowers stand above the dark green foliage. 16 inches. Pkt., 10c; ⅛ oz., 30c.

Fireball. Splendid for beds or borders, of somewhat dwarf habit. 14 inches. Pkt., 15c; ⅛ oz., 35c.

Splendens Grandiflora. Scarlet. A rich-flowered border sort. 2 feet. Pkt., 10c; ¼ oz., 40c.

Zurich. Plants are of dwarf, bushy growth and produce an abundance of bright scarlet flowers from early July until frost. 12 inches. Pkt., 15c; ⅛ oz., 40c.

Farinacea. A perennial variety, but best treated as an annual, blooming from August to September from Spring sown seed; color, light blue; 3 feet. Pkt., 10c; ¼ oz., 35c.



Salvia



Salpiglossis

SALPIGLOSSIS (Painted Tongue) (Annual)

These are among our most beautiful annuals and are easily grown. They are most desirable for beds and borders. As cut flowers they are unsurpassed.

Large Flowering. Finely veined, yellow, rose, scarlet, blue and purplish violet are found in this mixture. **Pkt., 10c; ¼ oz., 35c.**

SANVITALIA (Annual)

Procumbens fl. pl. Of dwarf compact growth; useful in rock work, beds and borders. Showy bright yellow, double flowers; in bloom all summer. 6 inches. **Pkt., 10c; ¼ oz., 40c.**

SAPONARIA (Bouncing Bet) (Perennial)

Rose. Splendid rock plant; bright rose colored flowers. 1 foot. May and June. **Pkt., 10c; ½ oz., 35c.**

SCABIOSA (Mourning Bride) (Annual)

They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. Excellent for cutting.

	Pkt.		Pkt.
Crimson	\$0.10	Lavender	\$0.10
Black-Purple .....	.10	Shasta White .....	.10
Rose .....	.10	Peach Blossom ...	.10
Mixed Pkt., 10c; ½ oz., 35c			

Giant Loveliness. The blossoms range through varying tones of soft delicate salmon-rose. **Pkt., 10c; ½ oz., 40c.**

HARDY PERENNIAL SCABIOSA

Isaac House Strain. Colors range from light lavender to dark blue; excellent for cutting. June and July. **Pkt., 15c.**

Caucasica (Blue Bonnet). Especially valuable for cutting; lilac-blue; June and July. 3 feet. **Pkt., 10c; ⅛ oz., 35c.**

Columbaria. A low growing variety, with flowers measuring 2 to 2½ inches across. **Lavender-Pink. Pkt., 15c.**

SCHIZANTHUS (Annual)

Large-Flowered Mixed. Forming compact pyramidal plants about 16 inches high, literally covered with beautiful orchid-like flowers. Excellent for bedding and pot culture. **Pkt., 10c; ½ oz., 35c.**

Sunset Hybrids. An improved strain consisting of beautiful shades of bright rose and carmine. Each flower marked with white or gold. Two foot plants covered with blooms. Easily grown. **Pkt., 25c.**

SEDUM (Stonecrop) (Perennial)

Charming plants for sunny positions in the rockery, etc., and the taller kinds make effective color groups in the border. They thrive in almost any soil.

Perennial Mixed. Useful and pretty plants for the border, producing their interesting flowers from July to October. **Pkt., 25c.**

SENSITIVE PLANT (Mimosa Pudica) (Annual)

A curious and interesting plant with pinkish-white flowers; the leaves close when touched or shaken. 1 foot. **Pkt., 10c; ½ oz., 25c.**

SHAMROCK (Tender Perennial)

True Irish. Small leaved. 6 inches. **Pkt., 10c; ¼ oz., 25c.**

SHASTA DAISY (See Page 7)

SILENE (Catchfly) (Annual)

Very pretty dwarf plants, used mostly for borders; thriving in almost any common soil and of easy cultivation. 12 inches. **Pkt., 10c; ½ oz., 25c.**

SMILAX (Greenhouse Climber) (Tender Perennial)

In many respects the Smilax is the most useful and it is certainly one of the most graceful climbers. 10 ft. **Pkt., 10c; ½ oz., 25c.**

SOLANUM (Jerusalem Cherry) (Tender Perennial)

Cleveland Red. A greatly improved form of this very useful pot plant for winter decoration. It is of dwarf, bushy habit; bearing bright scarlet globular berries. 1 foot. **Pkt., 15c.**

STATICE (Annual)

Extremely showy; with large clusters of blooms carried on graceful stems. The plants are easy to grow from seed and do well in almost any kind of soil. The flowers may be cut and treated like Everlastings, drying them in a cool and shady place. 2½ feet.

	½ oz.	Pkt.
Sinuata Lavender	\$0.25	\$0.10
Sinuata Rose .....	.25	.10
Sinuata True Blue, Extra deep.....	.25	.10
Sinuata White .....	.25	.10

Suworowi (Russian Cat-tail). Forms a cluster of leaves on the ground and bearing tail-like spikes of rose-colored flowers. **Pkt., 10c; ¼ oz., 35c.**

STATICE (SEA-LAVENDER) (Perennial)

Splendid either for the border or rockery, producing panicles of minute flowers. June and July. **Latifolia.** Purplish-blue flowers. 1½ feet. **Pkt., 10c; ¼ oz., 40c.**

STEVIA (Annual)

Serrata. Free blooming plants for summer or winter; bearing a profusion of fragrant white flowers; excellent for cutting; 1½ feet. Pkt., 10c; ¼ oz., 35c.

STOCKS (Annual)
CUT-AND-COME-AGAIN

Splendid perpetual-blooming variety. 2 to 2½ ft. Finest Mixed. All colors. Pkt., 15c.

GIANT BISMARCK 10-WEEK STOCKS.

Growing from 24 to 30 inches tall, of branching habit, producing innumerable large spikes, coming into bloom in 10 to 12 weeks. Fine for cutting. Mixed. Pkt., 20c.

10 WEEK STOCK DWARF GERMAN
12 to 15 inches high, for bedding.

Mixed Colors. Pkt., 10c.

STOKESIA (STOKES' ASTER) (Perennial)

Cyanea. (Blue). The earliest and best sort. 1 to 2 feet. June. Pkt., 15c; ¼ oz., 35c.

Sunflower (Helianthus)
(Annual)

Far superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge or border.

Golden Ball. Beautiful large double variety. 7 ft. Pkt., 5c; oz., 25c.

Dwarf Double. Similar to the above variety only of a dwarf nature. 3 feet. Pkt., 5c; oz., 25c.

Double Chrysanthemum-Flowered. A wonderful Sunflower with fully double golden yellow blooms like a giant Chrysanthemum. 7 feet. Pkt., 10c; oz., 35c.

SINGLE FLOWERING SORTS

Sown on a sunny spot in April or May, they come into bloom early in summer.

Dwarf Red. This Sunflower we believe to be of real merit, color red to brown red. 5 feet. Pkt., 10c; ½ oz., 25c.

Stella (Improved Miniature Sunflower). Flowers of the purest golden yellow, with black disc. 5 feet. Pkt., 10c; ½ oz., 25c.

Mammoth Russian. Grown for its seed. Pkt., 5c; lb., 20c.

Perennial Mixed. Perennial Sunflowers add a most distinctive touch to any garden. During the fall they provide a glorious show of yellow blooms. 4 to 5 feet. August and September. Pkt., 15c.

Spencer Sweet Peas

The flowers are large size, with upright standards delicately waved or frilled, and graceful wings. The blossoms are nicely placed on long, stiff stems in groups of three or more. Wherever the climate assures rather cool nights and days this type will flourish to perfection. 6 to 8 feet.

EARLY OR WINTER FLOWERING SPENCERS

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom earlier than the regular Spencer type, and if the flowers are kept cut, they will continue to bloom for a long time. Mixed. All colors, named varieties. Pkt., 10c; oz., 25c.



Stocks

SPENCER SWEET PEAS

	Pkt.	Oz.		
Austin Frederick. Pure lavender. A fine variety bearing large flowers....	\$0.10	\$0.20		
Charity. Pure crimson. Does not burn in the sun.....	.10	.20		
Constance Hinton. Blush before expanded; pure white when open.....	.10	.20		
Countess Spencer. Bright shade of pink	.10	.20		
Defiance. A brilliant orange-scarlet....	.10	.20		
Elfrida Pearson. Giant shell-pink....	.10	.20		
Margaret Atlee. Rosy salmon-buff....	.10	.20		
Mrs. Cuthbertson Spencer. Rose-pink, wings white .....	.10	.20	
Mrs. Tom Jones. Deep amythyst-blue. The finest deep blue variety.....	.10	.20		
Royal Purple Spencer. A rich purple...	.10	.20		
	Pkt.	Oz.	¼ lb.	1 lb.
Mixed	\$0.10	\$0.15	\$0.50	\$1.75

ST. L. S. CO.'S "NOVELTY" COLLECTION
Ten big packets of the famous
Spencer Varieties.

If you care at all for these pretty flowers, do not fail to save a place in your garden for our "Novelty" collection of Spencers. The cultural directions with each collection give full explanation how to grow these flowers to perfection. 10 pkts., 50c, postpaid.

PEAS (Perennial)

Lathyrus latifolius. An easily grown hardy perennial climber with smaller flowers. Excellent for cutting. 6 to 8 feet. July to October.

	½ oz.	Pkt.		½ oz.	Pkt.
Pink	\$0.25	\$0.10	White	\$0.25	\$0.10
Red .....	.25	.10	Mixed .....	.25	.10



Ursinia—Pulchra



STRAWFLOWER MIXTURE (Annual)

Not only decorative in the garden but when dried retain their color and make an effective winter bouquet. Pkt., 10c; ½ oz., 25c.

SWEET ROCKET (Hesperis) (Perennial)

An excellent perennial for naturalizing among shrubbery or for planting in a permanent border; fragrant white and purple flowers in mixture; 2 to 3 feet. Mixed. Pkt., 10c; ½ oz., 25c.

SWEET WILLIAM (Dianthus Barbatus) (Perennial)

A well known perennial for bedding and borders, forming fine tufts. The florets are handsomely colored and marked and are borne on stiff stems in great profusion. The colors are exceedingly varied, ranging from white through many shades of rose, lilac, red, carmine, crimson and maroon. Excellent for cutting. May and June. 1½ feet.

Pink Beauty. In color it is what florists call watermelon-pink or salmony rose. Strikingly brilliant and beautiful. Pkt., 10c; ½ oz., 35c.

Newport Pink. Salmon-pink. Pkt., 10c; ½ oz., 35c.

Scarlet Beauty. A very effective rich, deep scarlet variety. Pkt., 10c; ½ oz., 35c.

Holborn Glory. This strain is a large-flowered selection of the auricula-eyed. Pkt., 10c; ½ oz., 35c.

	Pkt.	½ Oz.	Pkt.	½ Oz.
Maroon	\$0.10	\$0.35	Single Mixed.....	\$0.05 \$0.25
White .....	.10	.35	Double Mixed.....	.10 .40

SWEET WILLIAM

Annual Mixed. The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed. Pkt., 10c; ½ oz., 40c.

THALICTRUM (Meadow Rue) (Perennial)

Hybridum. Very graceful plants. Excellent for the hardy border. Columbine-like foliage. Useful for making bouquets. 3 feet. June and July. Mixed. Pkt., 15c; ¼ oz., 40c.

THUNBERGIA (Black-eyed Susan)
(Tender Perennial Grown as an Annual)

Mixed. Handsome foliage and flowers. Used for hanging basket. 4 feet. Pkt., 10c; ½ oz., 40c.

TITHONIA (Annual)

Speciosa (Mexican Sunflower). A tall growing plant with rich orange-red flowers. Splendid for clumps in tall borders. Height 8 feet. Pkt. 10c.

TORENIA (Wishbone Flower) (Annual)

Fournieri. Bushy globular plants literally covered with the lovely richly colored, snapdragon-like flower of a delightful blue. They are excellent for beds. 1 foot. Pkt., 15c.

TRITOMA (Red Hot Poker) (Perennial)

Pfitzer's Red. A free blooming hardy perennial; large spikes of flowers. An improved variety of the plant sometimes called Red Hot Poker. The handsome flowers are produced in large spikes of red flower tubes. Plant two feet apart. Tritomas are hardy when covered in winter. Pkt., 15c.

TUNICA (Perennial)

Saxifraga. A splendid dwarf creeping plant for borders and rock work with small delicate rose blooms. 10 inches. June to September. Blooms first year if sown early. Pkt., 10c.

URSINIA (Jewel of the Veldt)

Pulchra. Annual Daisy from South Africa, growing about 1 foot high. The orange colored flowers measure about 2 inches across, with deep purple center and feathery foliage. Excellent for bedding and cutting. July to September. Pkt., 15c.



Sweet William

VALERIANA (Garden Heliotrope)
(Perennial)

Rubra Mixed. Hardy border plants; large fragrant flowers. Blooms first year if sown early. June. 2 to 3 feet. Pkt., 10c; ¼ oz., 25c.

VERBENA (Annual)

Verbenas usually flower well in August from seed sown in open ground in May. Germination will be hastened if the seed is soaked in lukewarm water before planting. Cover seed about one-fourth inch deep. Transplant when the young plants have three or four leaves.

Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. Salmon-pink. Pkt., 25c.

Salmon Pink. A splendid giant flowering, true salmon-pink with white eye. Pkt., 10c; ¼ oz., 50c.

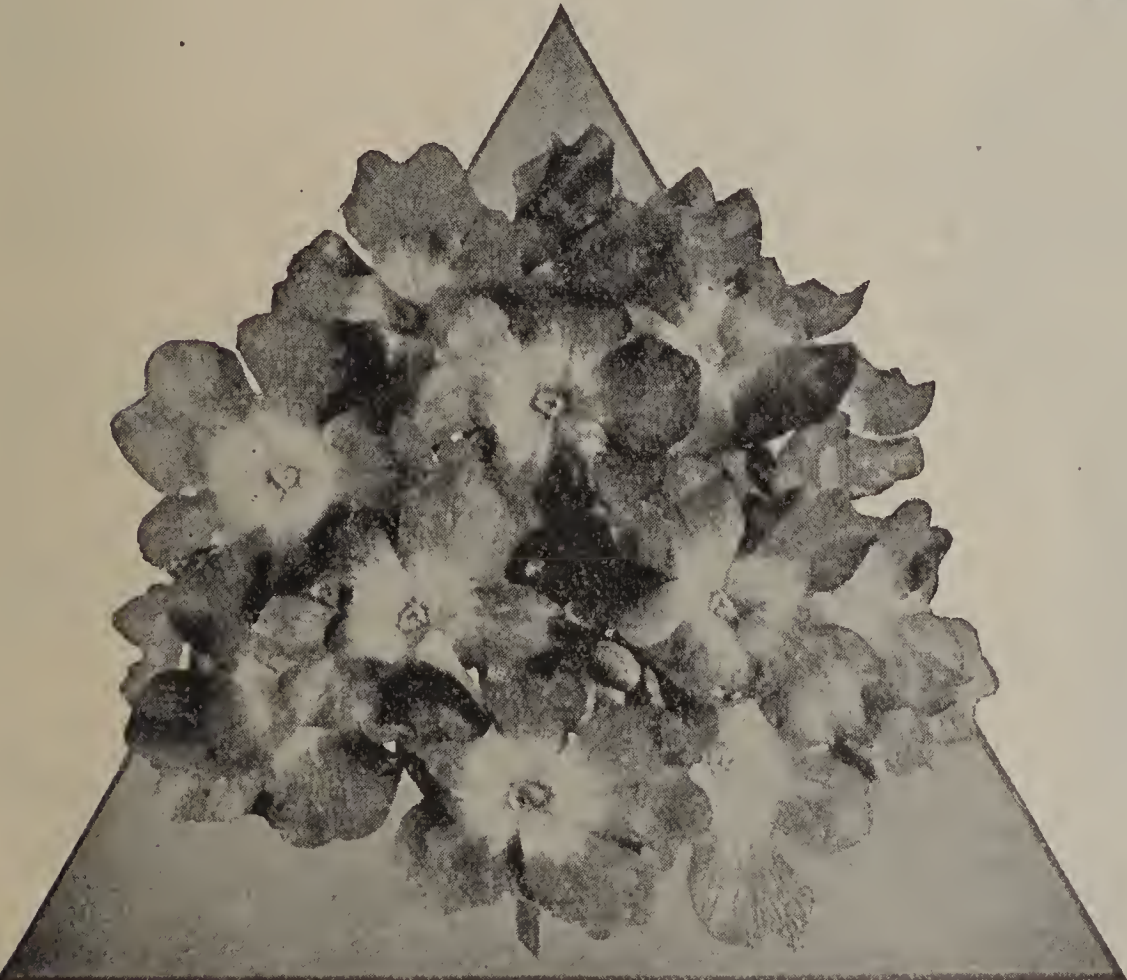
Dwarf Compact Fireball. Grows about 6 inches high and is literally covered with bright scarlet blooms; excellent for borders, beds or pot plants. Pkt., 25c.

VERBENA, Mammoth Grandiflora

	¼ oz.	Pkt.
Blue	\$0.50	\$0.10
Lucifer. Cardinal-red .....	.50	.10
Rosea Stellata. Rose-pink .....	.50	.10
White .....	.50	.10
Purple Mantle .....	.50	.10
Mixed .....	.50	.10
Auricula Fld. Mixed .....	.40	.10

Great Floral Clock Mixture. A splendid variety of compact growth with large trusses of all fine colored flowers. Pkt., 15c.

Fine Mixed. This extra choice mixture includes a wide range of very beautiful colors. Pkt., 5c; ½ oz., 40c.



Verbena

VERBENA (Perennial)

Venosa. 1 foot. Largely used for bedding purposes, strong, thrifty growers, covered with bright purple and heliotrope flowers. June to October. Pkt., 10c; ¼ oz., 30c.

VERONICA (Speedwell) (Perennial)

Spicata. An elegant hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers. June and July. Pkt., 15c; ¼ oz., 50c.

VINCA—PERIWINKLE (Annual)

These are very bright annuals which should be included in every garden. They are most attractive with their dark green glossy leaves and their beautiful flowers. Excellent for bedding and borders. The plants grow about 12 inches tall.

	¼ oz.	Pkt.
Rosea. Fine rose color.....	\$0.30	\$0.10
Rosea Alba. White, rosy eye.....	.30	.10
Alba Pura. Pure white.....	.30	.10
Mixed. All colors.....	.30	.10

VIOLET, Sweet Scented (Perennial)

Seed is of slow germination and should be sown in the Fall and left outdoors.

Viola Odorata (Semperflorens). Is the well known English Violet. Succeeds best in a partially shaded, moist place. 4 inches. April and May. Pkt., 10c; ½ oz., 40c.

VIOLA CORNUTA—

See Tufted Pansies, Page 16.

WALLFLOWER (Annual)

The plants grow to a height of 1½ to 2½ feet.
Early Wonder Mixed. The seed we are offering this season has been produced from special stock seed. Will bloom in about 90 days from time of sowing. Pkt., 25c; ⅓ oz., 40c.

WALLFLOWER (Perennial)

They flower early, and are often called the true "harbingers of spring." They thrive in poor soil, but are not hardy and should be sown in a cold frame during the autumn months and transplanted to the open ground in the spring. 1½ to 2 feet.

	Pkt.
Double Mixed	\$0.15
Single Mixed. ½ oz., 30c.....	.10

WAHLENBERGIA, See Platycodon, page 18.

WOOLFLOWER, CHINESE (Annual)

Plants grow two to three feet high, the bloom starting early with a central head, round and globular. Start seed, if convenient, under glass about four weeks before time to transplant to the garden. For beds and borders.

	Pkt.	¼ oz.
Crimson	\$0.10	\$0.35
Pink .....	.10	.35
Mixed. All colors.....	.10	.35

WILD CUCUMBER (Annual)

Rapid-growing annual climber. Has beautiful foliage and pretty fragrant white flowers. 15 feet. Pkt., 10c; oz., 25c.

WILD GARDEN FLOWER MIXTURE

We offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little care will produce a bright effect.

	Pkt.	Oz.	Lb.
Annual Mixed	\$0.10	\$0.15	\$1.00
Perennial Mixed .....	.10	.50	6.75

St. Louis Seed Co.'s Selected Zinnias

(Youth and Old Age) (Annual)

One of the most popular and most extensively used of all our hardy annuals.

DOUBLE DAHLIA-FLOWERED ZINNIA

This giant flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative Dahlia. 3 feet.

- Canary Yellow. Pkt., 15c; ¼ oz., 30c.
- Crimson Monarch. Flowers often six inches in diameter. Pkt., 15c; ¼ oz., 30c.
- Dream. A fine, deep lavender, turning to purple. Pkt., 15c; ¼ oz., 30c.
- Exquisite Rose. Color light rose with center a deep rose. Pkt., 15c; ¼ oz., 30c.
- Old Gold. Glowing shades of old gold. Pkt., 15c; ¼ oz., 30c.
- Golden Dawn. A beautiful golden yellow. Pkt., 15c; ¼ oz., 30c.
- Illumination. Striking self-color of deep rose. Pkt., 15c; ¼ oz., 30c.
- Luminosa. Bright pink. Pkt., 15c; ¼ oz., 30c.
- Meteor. A rich, glowing deep red. Pkt., 15c; ¼ oz., 30c.
- Oriole. Orange and gold bicolor. Pkt., 15c; ¼ oz., 30c.
- Polar Bear. Pure white. Pkt., 15c; ¼ oz., 30c.
- Purple Prince. A fine, deep purple. Pkt., 15c; ¼ oz., 30c.



Zinnia Fantasy

Scarlet Flame. Bright scarlet, with a delightful blending of orange. Pkt., 15c; ¼ oz., 30c.

Dahlia-Flowered, Mixed. Fine mixture of the very best colors. Pkt., 15c; ½ oz., 50c.

DWARF DOUBLE

Forming bushy, compact plants not over 2 feet high. Mixed. Pkt., 5c; ½ oz., 25c.

MAMMOTH DOUBLE ZINNIAS

The flowers are borne on long, stiff stems, of a semi-globular form, are mostly very double. 3 feet.

	½ oz.	Pkt.
Purple	\$0.35	\$0.10
Scarlet	.35	.10
Red	.35	.10
White	.35	.10
Golden Yellow	.35	.10
Rose	.35	.10
Orange	.35	.10
Salmon Pink	.35	.10
Mixed, all colors	.35	.10

1 pkt. each of above 8 varieties, 50c.

ZINNIA ELEGANS CUT-AND-COME-AGAIN

A group with double, perfectly formed, medium sized flowers with long stems; exceptionally fine for cut flowers. 2 feet.

	½ oz.	Pkt.
Bright Scarlet	\$0.50	\$0.10
Crimson	.50	.10
Golden Yellow	.50	.10
Salmon Rose	.50	.10
White	.50	.10
Pinkie	.50	.10
Mixed	.50	.10

DOUBLE LILLIPUT OR POMPON ZINNIAS

A very pretty type of compact habit, 15 inches high.

	½ oz.	Pkt.
Scarlet Gem	\$0.50	\$0.10
Rosebud. Rose-pink	.50	.10
Canary Yellow	.50	.10
Golden Yellow	.50	.10
Salmon Rose	.50	.10
Lilac Gem	.50	.10
Crimson Gem	.50	.10
White	.50	.10
Valencia. Burnt orange	.50	.10
Finest Mixed	.50	.10

VARIOUS ZINNIAS

- Fantasy. A most striking Zinnia. It has curled and twisted petals that give it a refined appearance. Mixed colors. Pkt., 15c.
- Picotee Delight. Of pleasing colors. 2 feet. Finest Mixed. Pkt., 15c; ¼ oz., 50c.
- Zinnia Crown o' Gold Mixture. Each petal of the flower is overlaid with a deep golden yellow at the base, mixed colors. 2 ft. Mixed. Pkt., 15c; ¼ oz., 50c.

CURLED AND CRESTED

The petals of this beautiful strain are twisted, curled and crested. 2½ feet. Mixed. Pkt., 10c; ½ oz., 40c.

TOM THUMB

A small flowered Zinnia produced in great profusion. Colors are orange, red, maroon, yellow and variegated. Pkt., 10c.

Flowering Bulbs and Roots for Spring Planting

CANNAS—Large Flowering

Ready for shipment during March and April.

By Parcel Post, add 5c per doz., postage.

Massed plantings in one color are recommended as being most effective; but many beautiful and striking combinations of colors may be arranged.

YELLOW

King Midas. 5 feet. A very large glittering yellow Canna with green foliage.

Yellow King Humbert. 4 feet. Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red.

RED, GREEN FOLIAGE

The President. 4 ft. This Canna is superior to any other red variety in the quality and also the quantity of bloom.

Miscellaneous Bulbs for Spring Planting

AMARYLLIS, GIANT-FLOWERED

New Hybrids. This selection of giant bloomers in wonderfully varied and brilliant colorings. **Each, 20c.**

ANEMONE

DeCaen. The flowers resemble Buttercups, to which family they belong. They possess many beautiful tones of red, violet, and purple, and varying to white. These tiny bulbs should be planted 2 inches deep in a place protected from hard winds or rain. **Doz., 50c.**

BEGONIAS (Tuberous Rooted)

Enormous wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1st or start indoors any time prior to then. **Rose, Scarlet, White, Yellow, each, 15c; doz., \$1.60.**

CALADIUM ESCULENTUM

Elephant's Ear. One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas. **Each Doz.**

Mammoth bulbs	\$0.30	\$3.25
First Size bulbs .....	.20	2.25
Medium bulbs .....	.10	1.00

CINNAMON VINE

Well-known hardy climber; quick grower, with beautiful glossy heart-shaped leaves and sweet-scented flowers. Vines will run 20 to 30 feet in a season. **Large Roots, 10c; doz., \$1.00.**

GLOXINIA (Hybrids)

The handsomest of our summer-blooming plants. The long tube-shaped flowers in rich purple, red, white, and lavender, are extremely beautiful. **Each, 25c; doz., \$2.50.**

HYACINTHUS CANDICANS (Summer Hyacinth)

A white summer-flowering Hyacinth, growing about 3 feet high, gracefully surmounted with pure white bell-shaped flowers. **Per Pkg., 5 bulbs, 10c.**

ISMENE CALATHINA (Pancratium Lily or Peruvian Daffodil)

One of the choicest of our summer flowering bulbs, blooming profusely during the summer. Handsome clusters of large, very striking, fragrant pearly white flowers. **Large bulbs, each, 15c; dozen, \$1.50.**

LILY OF THE VALLEY

Lily of the Valley. Genuine German, Maiblumenchen). These are best for outdoor planting. Clumps. **Each, 35c; doz., \$3.60.**

RED, BRONZE FOLIAGE

Ambassador. 3½ to 4 ft. Brilliant Poppy-red.

King Humbert. 4 ft. The plants are crowned with immense heads of orchid-like, velvety orange-scarlet, rose-tinted and margined at the base.

PINK

City of Portland. 3½ feet. A deep pink which does not fade during the hot weather.

Mrs. A. F. Conard. 3 to 4 feet high. Color an exquisite, soft, opaque pale pink with darker pink in throat.

Hungaria. 3½ feet. The best pink Canna. Trusses of enormous size borne well above the foliage.

WHITE

Eureka. 4½ ft. With the advent of Eureka we are granted good full trusses; broad petals; uniform, free and continuous bloom, and a clean, waxy, lily-white color.

Price of Canna Roots, each, 7c; doz. 75c.

HARDY GARDEN LILIES

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Set the bulbs from five to seven inches deep. **Large Bulbs.**

Auratum (The Golden Rayed Lily of Japan). The flowers are pure white, through the center of each petal runs a clear golden band. **Each, 30c; doz., \$3.25. Large size, each, 40c; doz., \$4.50.**

Speciosum Rubrum. Frosted white, spotted, clouded and bordered with pinkish crimson. **Each, 30c; doz., \$3.25. Large size, each, 40c; doz., \$4.50.**

Lilium Regale (3 ft.). Extra large bulbs, pure white, yellow center. **Each, 30c; doz., \$3.25.**

Lilium Regale. First size bulbs, pure white, yellow center. **Each, 20c; doz., \$2.00.**

Tigrinum. Large, showy, brilliantly colored orange-scarlet flowers. August. Height, 5 feet. **Each, 25c; doz., \$2.75.**

MONTBRETIA

The Montbretia is one of the most floriferous and showy of summer-flowering bulbous plants, producing in great numbers, graceful spikes 12 to 16 inches long, bearing many beautiful star-shaped flowers. **Each, 7c; doz., 70c.**

MADEIRA VINE

The old favorite so much prized because of its rapid growth and freedom from insects; fragrant, white flowers. **Tubers, each, 10c; doz., \$1.00.**

RANUNCULUS

This large flowering Ranunculus is far ahead of the common types. The double flowers are produced on stout stems and appear in every conceivable shade of color. Very fine cut flower. **Doz., 50c.**

TIGRIDIAS or SHELLFLOWERS

Extremely handsome summer-flowering bulbs, growing about 2 feet high, producing large gorgeous flowers in shades of yellow, yellow-orange, and red, exquisitely spotted. **Each, 10c; doz., \$1.00.**

TUBEROSE

By Mail, add 10c per Dozen, postage.

Dwarf Excelsior Pearl. 24 inches. Early bloomer bearing pure white flowers, very double and sweetly scented. **Doz., 60c.**

Albino. 30 inches. Very early bloomer; dwarf habit; flowers waxy white and single, very fragrant. **Doz., 60c.**

St. Louis Seed Co.'s Dahlias

Time of Planting: The time for planting Dahlias varies quite a good deal, according to the locality. In the Central states tubers may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from tubers planted out about June 15th. Dahlias should be planted from 2½ to 3 feet apart and covered to a depth of 4 inches. We list only varieties which will do best in our Middle West.

I.D. Informal Decorative.

F.D. Formal Decorative.

C. Cactus.

S. C. Semicactus.

Bagdad, I.D. The color is a beautiful scarlet flame, large size blooms. Good plant growth and a free bloomer. **Each, 50c.**

Dr. John Carman, F.D. Tyrian rose, tipped silver. Deep, broad-petaled flower held erect on strong stem. The medium-height bush is very rugged and a good bloomer. **Each, 50c.**

Dwight W. Morrow, I.D. Wonderfully rich crimson-red that does not burn or fade. Immense blooms of great depth, graceful and artistic formation. Healthy grower, with leathery foliage. **Each, 50c.**

Edith Harsh, F.D. The color is violet-rose with considerably more rose than violet. A fine Dahlia that holds an even full center and has a strong stem. It is an exceptionally good keeper when cut and is very showy. **Each, 50c.**

Francis Larocca, F.D. Pale sulphur-yellow. A beautiful flower, held on fine stems, and one of the finest cut flower dahlias. **Each, 35c.**

Goodnight, S.C. A large flower of oxblood-red, shaded dark maroon. It is well formed on a strong stem, and is an early and profuse bloomer. **Each, 50c.**

Honor Bright, F.D. Clear bright orange, shading to buff. An early continuous bloomer. **Each, 75c.**

Hunt's Velvet Wonder, I.D. The attractive broad petaled blooms are huge and have full centers. The flowers are deep rosy magenta blending into a true purple. **Each, \$2.50.**

Inkyo, C. Color deepest maroon, almost black. Centers are full, stems are long and a good keeper. **Each, 35c.**

Jane Cowl, I.D. This marvelous dahlia is an enormous, deep flower of the warmest shades of buff, apricot, and old gold, beautifully formed, and held absolutely erect on superb stems. **Each, 35c.**

Jersey's Beacon, F.D. Brilliant Chinese scarlet, with buff reverse. A sturdy grower and free bloomer, with stiff stems. Very popular. **Each, 25c.**

Jersey's Beauty, F.D. A glorious pink bloom of perfect form, on long strong stems. Universally grown, and the best cut flower of all. **Each, 25c.**

Mary Ellen. This can be described as a larger and improved Mrs. Warner. Violet-rose with a pink cast. A perfect grower with flowers of great size. **Each, 50c.**

Mrs. I. De Ver Warner, F.D. The flowers grow to an immense size without any great amount of dis-budding, are of a perfect regular type and of the most glowing shade of mauve pink. **Each, 25c.**

Monmouth Champion, F.D. An immense, brilliant flame-colored flower, with vigor, habit, stems and blooming qualities all that could be desired. **Each, 50c.**

Murphy's Masterpiece, I.D. The monster blooms are dark red, held erect on stiff stems. **Each, \$2.00.**

Omar Khayyam, F.D. An immense dahlia, with a tall-growing bush of outstanding vigor. Color is Chinese red at base of petals, shading to a bright orange, and tipped lighter. A variety that instantly attracts the eye. **Each, 50c.**

Red Beauty, F.D. A bright red flower of Jersey's Beauty type. Bush is tall and vigorous, with stiff cane-like stems. **Each, 25c.**

Robert Emmet, I.D. Color a velvety cardinal red. Blooms giant in size; produces great quantities of perfect blooms on good stems. **Each, 75c.**

Sonny Boy, F.D. Giant old rose, slightly striped and tinged old gold. Grows and blooms well under any condition. A very fine Dahlia. **Each, \$1.50.**

The Commodore, F.D. A bright lemon yellow; petals large, centers full with flowers of loose open formation. The bush growth is good; stems are strong. **Each, 50c.**

Thomas Edison, F.D. A beautifully formed, royal purple formal decorative Dahlia, on long canelike stems. **Each, 50c.**

White King, F.D. A white sport of Francis Larocca. An excellent cut flower. Blooms profusely on good stems. **Each, 35c.**

White Wonder, I.D. A strong grower and free bloomer and good wherever grown. Very large but artistic flower. **Each, 75c.**

Josephine G., S.C. A beautiful Dahlia of bright La France pink with gold tips. A prolific bloomer on perfect stems. **Each, 50c.**

Jean Trimbee, S.C. A beautiful Dahlia of rich Petunia violet, which can be grown to immense size. Very vigorous, with ideal stems and habit, and a free bloomer. **Each, 75c.**

Satan, S.C. A sensational exhibition Dahlia of spectrum red. Petals are long and clawlike and the flower has great depth. Tall branching bushes with strong stems. **Each, 75c.**

POMPON DAHLIAS

Sunbeam. A bright red, of perfect form. **Each, 25c.**

Kleine Domitea. Pretty orange-buff Dahlia. Profuse bloomer. **Each, 25c.**

Joe Fette. Unquestionably the best white Pompon. **Each, 25c.**

Yellow Gem. Small fine formed flower of creamy yellow color. **Each, 25c.**

Little Beauty. An extra fine pink, fine for cutting. **Each, 25c.**

Select Gladiolus

Gladioli, by Parcel Post, add 5c per doz.

Culture: Gladioli will thrive in almost any good soil. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs 6 to 9 inches apart, the large ones 4 inches and the small ones 2 inches deep.

RED SHADES

Commander Koehl. It throws huge spikes with large wide open blooms of brilliant deep scarlet-red with no markings. Each, 8c; doz., 80c.

Dr. F. E. Bennett. This is among the finest of the new reds. Tall, sturdy grower with well arranged flowers. Doz., 30c; 100 for \$2.00.

Gay Hussar. Orange-red, shading to strawberry. Fine placement of six or more blooms opening at once. Doz., 40c; 100 for \$3.00.

Lucifer. Tall striking flame-red, with red-violet blotch. Each, 40c; 3 for \$1.00; doz., \$3.75.

Pfitzer's Triumph. Flowers are bright scarlet with cherry blotch in the throat. Doz., 40c; 100 for \$3.00.

Flaming Sword. Red, tinted salmon. A variety that is coming to the front very fast. Doz., 30c; 100 for \$2.00.

Mrs. Francis King. The color brilliant flamingo-pink, blazed with vermilion-red. Doz., 30c; 100 for \$2.00.

Scarlet Princeps or Virginia. Flaming scarlet; large massive flowers, many open at a time, Doz., 35c; 100 for \$2.50.

PINK SHADES

America. A fine Gladioli. Immense flowers of exquisite pink, with a touch of Tyrian rose ornamenting the throat. Doz., 30c; 100 for \$2.00.

Betty Nuthall. The plants are tall and vigorous, the spikes very long, strong and graceful. The color is glowing orange-pink with pale orange throat and a light feathering of carmine. Doz., 40c; 100 for \$3.00.

Catherine Coleman. Rich coral La France pink; very large flowers well placed on tall, strong stem. Doz., 35c; 100 for \$2.50.

Coryphee. A beautiful clear wax-like pink. Florets large, round, well-formed. Placement perfect. Early. Each, 6c; doz., 60c; 100 for \$4.50.

Giant Nymph. Very large, light pink with creamy throat. Doz., 30c; 100 for \$2.00.

Halley. Salmon-pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center. Doz., 30c; 100 for \$2.00.

Helga. A beautiful salmon-pink with yellow throat. A long spike with many flowers open at one time. Doz., 35c; 100 for \$2.50.

Los Angeles. Shrimp-pink with orange-carmine throat. Doz., 30c; 100 for \$2.00.

Mrs. Leon Douglas. Ground color begonia-rose, striped with flame and brilliant scarlet. Doz., 35c; 100 for \$2.50.

PRIMULINUS

The blooms are distinct in their pleasing form and arrangement. Although the individual flowers are not large, they carry an air of grace altogether different from the other types.

Break o' Day. An early, light pink variety of great merit. Doz., 30c; 100 for \$2.00.

Orange Queen. An apricot-orange primulinus hybrid. Beautiful wide open flowers of excellent substance. Doz., 30c; 100 for \$2.00.

Souvenir. Purest golden yellow, beautifully shaped flowers on tall stem. Doz., 30c; 100 for \$2.00.

Primulinus, Mixed. Self colors that are most pleasing. Doz., 25c; 100 for \$1.75.

PINK SHADES—Continued

Mrs. Frank Pendleton. The petals show beautiful bright rose-pink on a pure white ground, contrasting in a most striking way with the deep rich velvety blood-red blotch on the lower petals. Doz., 30c; 100 for \$2.00.

Mr. W. H. Phipps. La France pink, overlaid with salmon-rose, lighter towards the center, lower petals faintly striped and speckled with ruby; enormous flowers, perfectly placed on gigantic stem. Doz., 35c; 100 for \$2.50.

Odin. Deep salmon-pink with intense carmine blotch on lower petals. Doz., 30c; 100 for \$2.00.

Picardy. A most sensational flower of delicate flesh-pink. Large blooms and many open at one time. Doz., 40c; 100 for \$3.00.

Wilbrinck. Color a beautiful soft rose-pink, good spikes of large blooms. Many open at one time. Doz., 30c; 100 for \$2.00.

BLUE SHADES

Captain Boynton. Large lavender with purplish blotch. Doz., 30c; 100 for \$2.00.

Chas. Dickens. Very tall, strong plant with large flower head and very large purple-violet florets. Doz., 35c; 100 for \$2.50.

Minuet. Beautiful clear, light lavender; four to six large, heavily textured blooms open at once. Doz., 50c; 100 for \$3.50.

Mrs. Van Konynenburg. A beautiful lilac-blue. Large and of good substance. Good form and makes an excellent spike. Doz., 35c; 100 for \$2.50.

Paul Pfitzer. Aristocratic blooms of rich velvety purple. A fine variety. Doz., 40c; 100 for \$3.00.

WHITE

Albatros. A massive pure white flower; the spike is very tall and florets large. One of the finest whites. Doz., 60c; 100 for \$4.50.

Carmen Sylva. Pure white, large flowers on tall straight stems. Doz., 35c; 100 for \$2.50.

Helen Wills. An elegant clean large white, with shadings of soft canary-yellow on lower petals. Each, 6c; doz., 60c; 100 for \$4.50.

Peace. The general effect of the flower is white, with a pale lilac feathering on the interior petals. Doz., 30c; 100 for \$2.00.

YELLOW SHADES

Golden Dream. Deep, pure yellow. Tall and fine exhibition variety. The florets are large, of splendid form. Doz., 30c; 100 for \$2.00.

Kunderd's Yellow Wonder. A tall rich yellow, with spikes and flowers of quality. Doz., 35c; 100 for \$2.50.

Schwaben. In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine. Doz., 30c; 100 for \$2.00.

Choicest Mixed Gladiolus Collection. One bulb each of 12 named varieties for 25c.

Disinfect Gladiolus with Semesan.

Hardy Field-Grown Roses

Our hardy dormant Roses are ready for delivery from the first of March until the fifteenth of April. H. T.—Hybrid Tea. H. P.—Hybrid Perpetual. Plants travel best by Express. If wanted by Parcel Post, add 5c each for postage. No plants sent C. O. D.

Please Note: We send out only strong, healthy rose plants, and cannot be responsible for the care and growth after leaving our hands. If plants do not reach you in good condition, please notify us at once upon arrival.

Amelia Earhart. H. T. Large ovoid bud. Flowers very full, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone. Extremely fragrant. Each, \$1.25.

American Beauty. H. P. A very popular cerise-red. Each, 40c.

Ami Quinard. H. T. Very dark maroon (almost black). Each, 50c.

Autumn. H. T. Most extraordinary colored rose-bud—burnt sienna—on strong stems for cutting. Foliage glossy and very dark green. Each, 40c.

Better Times. H. T. The brilliant cerise flowers are large, double and delicately fragrant, being produced on long strong stems, they are excellent for cutting. Each, \$1.25.

Briarcliff. H. T. Fine, handsome flowers of an even shade of silvery rose-pink. Each, 40c.

Caledonia. H. T. Flowers large, white, full, double, high-centered. Each, 40c.

Chas. P. Kilham. H. T. Brilliant carmine overlaid with scarlet. Each, 40c.

Condesa de Sastago. H. T. A vigorous grower, bearing a profusion of fully double blooms. The petals are distinctly two-toned, coppery pink inside and golden reverse. Each, 50c.

Conqueror. H. T. A strong, upright grower with well-shaped blooms of saffron-yellow. Each, 50c.

Countess Vandal. H. T. A lovely coppery pink and gold, extra long pointed buds. Each, \$1.00.

Dainty Bess S. Rose pink with red stamens. (Single.) Each, 40c.

Dame Edith Helen. H. T. Shapely buds and substantial, high-centered blooms of clear pink, sweetly scented. Each, 40c.

Duquesa DePenaranda. H. T. Apricot orange and pink. Plants vigorous. Blooms large and double. Each, 50c.

Edith Nellie Perkins. H. T. Light cerise pink with gold suffusion. Each, 40c.

Editor McFarland. H. T. Well formed, brilliant pink. Vigorous. Each, 40c.

Etoile de Hollande. H. T. Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when fully open; very fragrant. Each, 45c.

Feu Jos. Looymans. H. T. A profuse, continuous bloomer with long buds. Color, deep yellow. Each, 45c.

Frau Karl Druschki. H. P. The flowers are pure white, very double and well formed. Blooms in June. Each, 40c.

Francis Scott Key. H. T. Giant, wonderfully shaped, extremely double flowers of brilliant crimson. Each, 40c.

General Jacqueminot. H. P. An old favorite rose, of clear red. Each, 35c.

Golden Ophelia. H. T. Bloom has golden yellow center, paling at edges. Excellent cut flower. Each, 50c.

Gruss an Teplitz. H. P. The color is of the richest scarlet, shading to a velvety crimson; very fragrant. Each, 35c.

Golden Ophelia. H. T. Bloom has golden yellow center, paling at edges. Excellent cut flower. Each, 50c.

Hoosier Beauty. H. T. A clear deep red of splendid form, delightfully fragrant. Each, 40c.

Joanna Hill. H. T. Beautiful, distinctive shaped buds of light yellow with bronze shadings in center. Excellent for cut flowers. Each, 45c.

K. A. Victoria. H. T. Snowy white with pale lemon center. Each, 40c.

Leonard Barron. H. T. Very hardy. Buff pink, tinted salmon. Each, 45c.

Los Angeles. H. T. Perfectly formed long pointed buds of flame-pink, toned coral and gold at base. Each, 40c.

Margaret McGredy. H. T. Profuse bloomer. Large, double orange-scarlet. Each, 40c.



HARDY FIELD-GROWN ROSES—Continued

Mary Hart. H. T. A most unique sport of Talisman. The bud is maroon-red, opening to well-formed blossoms of deep, velvety blood-red with an overglow of amber. **Each, \$1.00.**

McGredy's Scarlet. H. T. A beautiful brilliant red variety, with long pointed buds, borne on long stems. **Each, 40c.**

Miss Rowena Thom. H. T. Very double, rose-pink, gold at base. **Each, 40c.**

Mrs. Calvin Coolidge. H. T. A beautiful bright yellow rose. An excellent cut flower. **Each, 45c.**

Mrs. Chas. Bell. H. T. Shell pink Strong growth, free bloomer. **Each, 40c.**

Mrs. E. P. Thom. H. T. Rated as one of the best yellows. **Each, 45c.**

Mrs. Henry Bowles. H. T. Pink, shaded salmon. **Each, 45c.**

Mrs. Pierre S. Dupont. H. T. Free flowering with double rich yellow blooms. **Each, 50c.**

Mrs. Sam McGredy. H. T. Long buds of copper shaded scarlet. **Each, 50c.**

Pink Killarney. H. T. An old favorite. Color bright sparkling pink. Free bloomer. **Each, 35c.**

Rose Marie. H. T. Large cup-shaped blooms of beautiful rose-pink, borne on long stems. **Each, 40c.**

President Herbert Hoover. H. T. Maroon, orange and gold. Long-pointed buds, rigid stems. One of the best fall bloomers. **Each, 40c.**

Radiance. H. T. Brilliant rosy carmine shaded pink, large, full, of fine form. A constant bloomer and an excellent keeper in summer. **Each, 40c.**

Red Radiance. H. T. An ideal bedding Rose of American origin that continues to produce its large flowers throughout summer. A Rose that does well everywhere. **Each, 40c.**

Rev. F. P. Roberts. H. T. Yellow veined buff. Fragrant, well formed flowers. **Each, 50c.**

Roslyn. H. T. Full golden yellow bloom, deeper in center, with orange splashings on back of petals. **Each, 50c.**

Soeur Therese. H. T. A bright deep yellow. Attractive blooms that hold their color. **Each, 50c.**

Souv. Claudius Pernet. H. T. This variety continues to be popular because of its beautiful, full blooms of rich yellow. **Each, 45c.**

Souv. Geo. Pernet. H. T. Oriental red. **Each, 40c.**

Syracuse. H. T. Large well formed bright scarlet blooms. **Each, 40c.**

Talisman. H. T. The outside of the petals are bright yellow, gold and pink; as the flower opens it becomes bright apricot. The bud is long and pointed. A strong grower with glossy foliage. **Each, 40c.**

Texas Centennial. H. T. A deep red enlivened by a flush of gold. A strong grower and free bloomer. **Each, \$1.00.**

Ville de Paris. H. T. Color a lasting Sunflower yellow, deeper at the center. Well-shaped buds and double blooms. **Each, 40c.**

Willowmere. H. T. Rich shrimp-pink, yellow center, continuous bloomer. **Each, 40c.**

DWARF POLYANTHA ROSES

Golden Salmon. P. Salmon orange. Free bloomer. **Each, 40c.**

Ideal. P. Dark red, continuous bloomer. **Each, 40c.**

HARDY CLIMBING ROSES

American Beauty Climber. Popular, brilliant carmine-red. **Each, 35c.**

Dr. W. Van Fleet. The color is a remarkable delicate shade of flesh-pink on the outer surface, deepening to rosy flesh in the center. **Each, 35c.**

Golden Climber. (Mrs. Arthur Curtiss James.) The most interesting and unusual feature is that its extreme hardness is combined with blooms of Hybrid Tea type and quality, long lasting and most always solitary on stems often 18 inches. **Each, \$1.00.**

Mme. E. Herriot. Coral red. (Strong grower.) **Each, 40c.**

New Dawn. The fragrant blush pink blooms are excellent as cut flowers because of their long stems and exquisite fragrance. **Each, \$1.50.**

Paul's Scarlet Climber. No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet. **Each, 35c.**

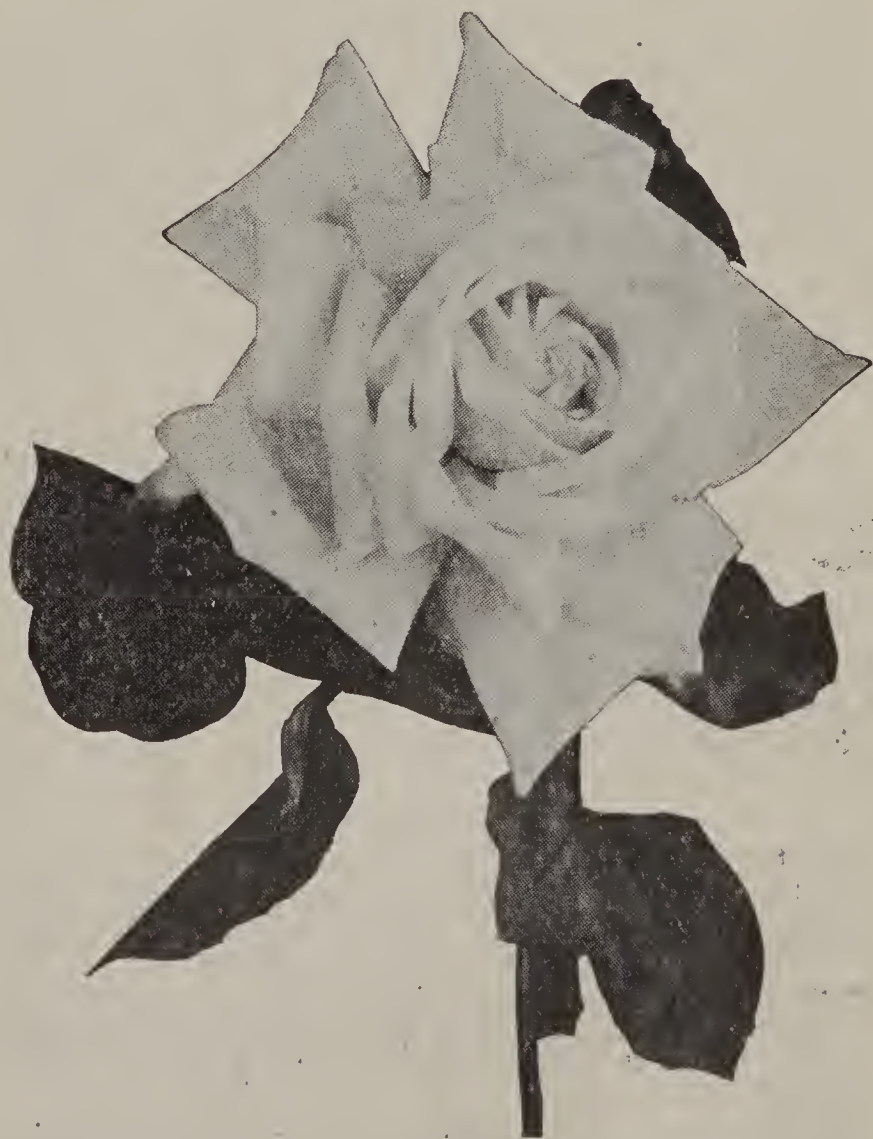
Silver Moon. Very effective white with yellow stamens. **Each, 35c.**

Primrose. A hardy climber with large very double yellow flowers. **Each, 35c.**

Climbing Radiance. A sport of the popular bush Rose. The color is light crimson. **Each, 40c.**

Climbing Talisman. The red and gold-colored blooms and the vigor of the plant have made this climbing sport of the bush Talisman well liked. **Each, 40c.**

Scorcher. Open blooms of brilliant orange-scarlet, covering the plant in great profusion. **Each, 50c.**



Mrs. Calvin Coolidge

Hardy Ornamental Shrubs

Ready for shipment from March 1st to April 15th.

Note: Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at purchaser's expense. No plants sent C. O. D. All shrubs are strong healthy plants. We are not responsible for the care and growth, after they leave our hands. If plants do not reach you in good condition please notify us upon arrival.

ALTHEA (Rose of Sharon)

The Altheas are among the most valuable of our tall, hardy shrubs on account of their late season of blooming, which is from August to October; grow about 8 feet high. Pink, Red, White. Each, 30c.

ALMOND, FLOWERING (Amygdalus)

This beautiful shrub is one of the loveliest. The flowers are borne on its slender branches during May, and are very fragrant. Grows about 4 feet high. Double-flowering pink. Each, 45c.

CALLICARPA (Beautyberry)

A beautiful shrub, somewhat drooping. Blooms profusely in July in clusters of pink flowers, followed by shiny, deep purple berries. Each, 40c.

CORNUS (Dogwood)

Florida Rubra. A spreading shrub or small tree with deep rose-colored flowers. Each, \$1.75.

CREPE MYRTLE (Lagerstroemia)

Indica. A beautiful shrub, blooming late in summer. Protect in winter. Each, 60c.

DESMODIUM (Lespedeza)

A low-growing shrub with rose-colored flowers in September. Dies to the ground in winter. Attains a height of 3 to 4 feet. Clump, 45c.

DEUTZIA

Very ornamental and popular shrubs with showy white or blush flowers appearing in tassel-like clusters in spring or early summer. Grows to 6 feet.

Gracilis. One of the most useful of all dwarf growing shrubs. A profusion of snow-white flowers in April-May. Each, 25c.

Pride of Rochester. Blooms in May in advance of the others. With very large, double white flowers. Each, 25c.

FORSYTHIA

A very decorative shrub with bright golden yellow, star-shaped flowers which burst into bloom at the beginning of spring while the bush is otherwise bare; grows about 6 feet.

Intermedia. Flowers bright yellow, glossy green foliage, 3 to 4 feet, extra bushy. Each, 30c.

Spectabilis. Hardest of all Forsythias. A very profuse bloomer. Highly ornamental. Large rich yellow flowers. Each, 30c.

HYDRANGEA

Arborescens Grandiflora Alba (Snowhill Hydrangea). Flower early in June and last until late in August. Especially suited for shaded places; grows about 5 feet high. Each, 30c.

Paniculata Grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast; grows about 3 feet high. Each, 30c.

Quercifolia. Extra large spikes of white blooms; heavy oak-leaved foliage, which becomes highly colored in the fall. 6 feet. Each, 40c.



Spirea

LILAC or SYRINGA

Purple. Very free bloomer of large flowers; an excellent variety. Each, 30c.

White. Free bloomer. Each, 30c.

LONICERA (Upright Honeysuckle)

Tartarica Grandiflora Rosea. A beautiful shrub, very vigorous, and producing bright red flowers striped with white in June; grows about 8 feet. Each, 30c.

PHILADELPHUS (Mock Orange)

Grandiflorus (Mock Orange). Grows 10 feet high. For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, white flowers in dense clusters. Each, 25c.

Virginal. In June the plants appear as a huge bouquet, being completely covered with very large, double crested flowers that are pure white, sweet-scented and produced in clusters of five to seven. Grows about 8 feet high. Each, 35c.

RHUS (Sumac)

Purple Fringe (Am. Smoketree). A much admired small tree or shrub for its curious fringe of hair-like flowers that cover the whole surface of the plants in the middle of summer. Each, 50c.

SPIRAEA

Anthony Waterer. Bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height. Each, 25c.

Van Houtte. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Grows about 6 feet high. Each, 25c; 10 for \$2.00.

Prunifolia (Bridal Wreath). Double pure white flowers, a perfect gem, each individual flower as double as a Ranunculus and very conspicuous. Grows about 5 feet high. Each, 30c.

TAMARISK

A refined graceful shrub. Foliage is very delicate and feathery. Flowers are light pink borne in loose sprays. Each, 30c.

HARDY SHRUBS—Continued**VIBURNUM (Snowball)**

Carlesi. A most desirable shrub, bearing clusters of pink waxlike flowers, possessing a delightful fragrance. Each, 60c.

Common Snowball (*V. opulus sterile*). This old-fashioned favorite grows most anywhere. Attains a height of 6 to 8 feet. Each, 40c.

Opulus (High-Bush Cranberry). The white flowers in June are followed in autumn by bright scarlet berries. About 5 feet high. Each, 35c.

VITEX (Macrophylla)

This rare plant should be in every garden. The blue flowers are borne profusely on terminal spikes during midsummer. The leaves are deeply cut to star shape. 5 feet. Each, 60c.

WEIGELAS

Floribunda. Medium height with spreading branches. The flowers are rich red and produced in great profusion in the spring and at intervals throughout the summer. Each, 40c.

Rosea. The flowers are rose pink. Plants are spreading, height about 5 feet. Each, 35c.



Forsythia

HEDGE PLANTS

California Privet. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion. 2-year-old, 24 to 30 inches. 10 for 40c; 20 for 70c; 100 for \$3.00.

Berberis Thunbergi (Japan Barberry). Perfectly hardy. Will make a dense hedge from 2 to 3 feet high. Each, 15c; 10 for \$1.25; 100 for \$9.00.

Red-Leaved Japanese Barberry. It is similar in all respects to the green-leaved Japanese Barberry which is so popular, but the foliage is bronzy red. Each, 25c; 10 for \$2.25.

HARDY CLIMBING PLANTS**AMPELOPSIS (Boston Ivy)**

Veitchi. This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places and attaining a height of 30 feet in two or three years; clings to stone, brick or woodwork with the greatest tenacity. Each, 35c.



Weigela

BITTERSWEET

A native climber, with handsome, glossy foliage and large clusters of beautiful orange-crimson fruits, remaining all winter. Each, 30c.

CLEMATIS

Paniculata. This grand climbing vine is one of the most valuable for porches. Blooms in the early fall, fleecy-white, fragrant flowers. Strong two-year plants. Each, 30c.

HONEYSUCKLE (Climber)

Halliana (Hall's Japanese Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December. Each, 25c.

Scarlet Trumpet Honeysuckle. An attractive vine with large light green foliage and showy coral-red flowers. Each, 25c.

POLYGONUM (Silver Lace Vine)

One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers. Strong plants. Each, 70c.

WISTERIA

W. Sinensis (Chinese). Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the fall. Strong plants. Each, 45c.

W. Sinensis Alba. Of similar habit to Sinensis, with pure white flowers. Strong plants. Each, 45c.

Standard or Tree Form. The heads of these plants have been frequently pruned to insure compact growth. A very attractive plant with long racemes of violet-blue flowers. Balled and burlapped. Each, \$3.25.

ANNUALS

Live only one season. The time for sowing given here is for out-of-doors. May be sown indoors earlier.

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Abronia	10 in.	Trailing	Rose	Rockery	April	When 1" high	Summer and Fall.
Acroclinium	1½ ft.	Bushy	Mixed	Cut	April-May	When 2" high	July-October.
Adonis	1 ft.	Branchy	Red		April-May	Do Not	Summer.
Ageratum	6-12 in.	Bushy	Blue-White	Edging and Bedding	April-May	When 1" high	Summer and Fall.
Alyssum	3-9 in.	Spreading	White	Edging and Bedding	April-July		Summer and Fall.
Amaranthus	2-4½ ft.	Bushy	Mixed	Bedding and Border	May	When 2" high	Summer and Fall.
Anagallis	8 in.	Spreading	Mixed	Edging and Bedding	May	When 1" high	Summer.
Antirrhinum	1½-3 ft.	Bushy	Mixed	Bedding and Cut	April-June	When 2" high	Summer and Fall.
Arctotis	2 ft.	Branchy	White-Lilac	Cut	May	When 2" high	Summer.
Argemone	2½-3 ft.	Branchy	Mixed	Border	May	Do Not	July to October.
Asters	1-3 ft.	Branchy	Mixed	Bedding and Cut	May	When 1" high	Summer and Fall.
Balloon Vine	5-10 ft.	Climber	White		May		Summer.
Balsam	2 ft.	Branchy	Mixed	Border	May	When 2" high	Summer and Fall.
Balsam Apple	10 ft.	Climber	Ornamental Fruit		May	Do Not	
Bartonia	1½ ft.	Branchy	Yellow	Bedding	May	Do Not	July and August.
Brachycome	1 ft.	Bushy	Blue-White	Edging and Bedding	April-May	When 2" high	Summer.
Browallia	1 ft.		Blue	Bedding and Pots	April-May	When 1" high	Summer.
Cacalia	1½ ft.	Bushy	Red	Cut	May	When 2" high	July to October.
Calandrinia	1 ft.	Bushy	Rose	Cut	April-May	When 2" high	July to frost.
Calendula	1-1½ ft.	Bushy	Yellow	Cut	April-July	When 1" high	June to frost.
Calliopsis	1-3 ft.	Bushy	Mixed	Cut	April-May	Do Not	June to September.
Canary Bird Vine	10 ft.	Climber	Yellow		May	Do Not	Summer.
Candytuft	6-12 in.	Bushy	Mixed	Bedding and Cut	April-July	When 1" high	Summer.
Canterbury Bell	2 ft.	Erect	Mixed	Bedding	April-May	When 2" high	Summer and Fall.
Cardinal Climber	20-30 ft.	Climber	Red		May		Summer and Fall.
Carnation	12-15 in.	Tuft	Mixed	Cut			
Celosia	1-3½ ft.	Bushy	Mixed	Bedding and Cut	May	When 2" high	June to October.
Centaurea	2½-3 ft.	Branchy	Mixed	Cut	April to June	Do Not	June to October.
Chrysanthemum	1-1½ ft.	Bushy	Mixed	Cut	April and May	When 2" high	Summer.
Clarkia	2-2½ ft.	Branchy	Mixed	Cut	April and May	When 2" high	July and August.
Cleome	3-4 ft.	Branchy	Rose	Border and Backgd.	May	Do Not	July to September.
Cobaea	20 ft.	Climber	Blue and White		May	Do Not	August to October.
Cockscomb	1-1½ ft.	Bushy	Mixed	Bedding and Cut	May	When 2" high	June to October.
Cornflower	3 ft.	Branchy	Mixed	Cut	April to June	Do Not	June to October.
Corn, Rainbow	5-6 ft.	Erect	Variegated Fol.	Background	May	Do Not	
Cosmos	4-6 ft.	Branchy	Mixed	Cut	May	When 4" high	June to October.
Cotton	3 ft.	Bushy	Ornamental		April	Do Not	
Cynoglossum	1½-2 ft.	Branchy	Blue	Border and Cut	May	When 2" high	July and August.
Cypress Vine	15 ft.	Climber	White and Red		May	Do Not	July to October.
Datura	3 ft.	Bushy	White and Yellow	Bedding	May	When 4" high	Summer.
Dianthus	1 ft.	Tuft	Mixed	Bedding and Cut	May	When 2" high	Summer.
Didiscus	1½ ft.	Bushy	Blue	Cut	May	When 2" high	Summer.
Dimorphotheca	1 ft.	Bushy	Yellow and White	Border and Cut	May	When 1" high	Summer.
Dolichos	10 ft.	Climber	Purple and White		May	Do Not	July to October.
Erysimum	1½ ft.	Bushy	Yellow	Border	May	When 2" high	July to August.
Eschscholtzia	1 ft.	Bushy	Mixed	Bedding and Cut	April		June to October.
Euphorbia	2-4 ft.	Branchy	Ornamental Fol.	Mixed Borders	April and May	When 2" high	
Four O'clock	3 ft.	Bushy	Mixed	Backgd. and Bord.	April and May	When 4" high	July to October.
Gaillardia	1½ ft.	Bushy	Mixed	Border and Cut	April and May	When 2" high	June to October.
Gilia	2 ft.	Bushy	Blue	Cut	April and May	When 2" high	June to September.
Godetia	1-1½ ft.	Erect	Mixed	Bedding and Pots	May	When 1" high	July to September.
Gomphrena	1-1½ ft.	Bushy	Mixed	Bedding and Cut	April	When 2" high	June to October.
Grasses, Orn.	1-3 ft.	Tuft		Bedding and Border	May	When 4" high	
Gypsophila	1½ ft.	Branchy	White and Rose	Cut	May	Do Not	Six weeks.
Helichrysum	2-2½ ft.	Bushy	Mixed	Cut	May	When 2" high	August to October.
Hop, Japanese	10-20 ft.	Climber	Variegated Fol.		May	Do Not	
Hunnemannia	1½ ft.	Bushy	Yellow	Bedding and Cut	April and May	Do Not	July and August.
Ice Plant	8 in.	Spreading	White	Edging and Rockery	April and May	When 1" high	June to October.
Kochia	2-3 ft.	Bushy	Red	Hedge Plant	May	When 4" high	
Lantana	1 ft.	Bushy	Mixed	Bedding	April	When 2" high	July to October.
Larkspur	2-6 ft.	Branchy	Mixed	Border and Cut	Spring or Fall		Spring and Summer.
Lavatera	2 ft.	Branchy	Pink	Border and Cut	May	When 2" high	July to October.
Leptosiphon	4-6 in.	Bushy	Mixed	Border and Rockery	April to June	Do Not	In 8 weeks.
Linum	15 in.	Branchy	Scarlet	Border	April and May	Do Not	June and July.
Lobelia	4-6 in.	Bushy	Blue	Edging and Baskets	April and May	When 1" high	June to October.
Lupinus	2-3 ft.	Branchy	Mixed	Border and Cut	May	Do Not	July-August.
Malope	3 ft.	Branchy	Mixed	Border	April and May	When 2" high	July and August.
Marigold	1-4 ft.	Bushy	Yellows	Border and Cut	May	When 2" high	July to October.
Matthiola	1 ft.	Bushy	Lilac	Border	May	Do Not	July to September.
Mesembryanthemum	6 in.	Spreading	Mixed	Rockery	May	When 1" high	July.
Mignonette	1-1½ ft.	Erect	Mixed	Cut	April and May	Do Not	July and August.
Mimulus	6-8 in.	Bushy	Mixed	Edging and Rockery	April and May	When 1" high	June and July.
Mina Lobata	15-25 ft.	Climber	Yellow and White		April and May	Do Not	July and October.
Moonflower	30-40 ft.	Climber	Blue, Pink, White		May	Do Not	August to October.
Morning Glory	15-20 ft.	Climber	Mixed		May	Do Not	June to October.
Nasturtium	1-8 ft.	Bu., Cl.	Mixed	Bedding and Border	May	When 4" high	July to September.
Nemesia	8 in.	Bushy	Mixed	Bedding	April and May	When 1" high	June-July.
Nemophila	6 in.	Bushy	Mixed	Shady Border	April and May	Do Not	June to August.
Nicotiana	2½ ft.	Branching	White and Red	Border and Cut	April and May	Do Not	July to October.
Nierembergia	1 ft.	Branchy	White and Lav.	Rockery, Baskets	April and May	When 2" high	July to October.
Nigella	1½ ft.	Bushy	Blue and White	Bedding and Cut	May	Do Not	July and August.
Oenothera	2 ft.	Branchy	Yellow	Bedding and Border	May	When 2" high	June to September.
Petunia	1-2 ft.	Branchy	Mixed	Bedding	March to July	When 2" high	June to October.
Phlox	6-12 in.	Branchy	Mixed	Bedding and Cut	March to June	When 2" high	June to October.
Poppy	1-2 ft.	Erect	Mixed	Bedding and Cut	Mar. and Apr.	Do Not	June.
Portulaca	6 in.	Spreading	Mixed	Edging	April to July	When 1" high	June to October.
Primula	6-20 in.	Bushy	Mixed	Pots	April and May	When 2" high	Winter.
Pyrethrum	1 ft.	Bushy	Mixed	Edging	May	When 2" high	
Rhodanthe	1 ft.	Bushy	Mixed	Winter Bouquets	April and May	When 2" high	July to October.
Ricinus	5-15 ft.	Branchy	Ornamental	Background	May	Do Not	
Salpiglossis	2½ ft.	Branchy	Mixed	Bedding and Cut	April and May	When 2" high	July to October.
Salvia	1-3 ft.	Bushy	Red	Bedding and Border	May	When 2" high	July to October.
Sanvitalia	6 in.	Trailing	Yellow	Edging and Rockery	May	When 1" high	July to October.
Scabiosa	2½ ft.	Bushy	Mixed	Border and Cut	May	When 2" high	July to October.
Scanzanthus	16 in.	Bushy	Mixed	Bedding and Pots	April and May	When 2" high	June to August.
Sedum	3 in.	Spreading	Blue	Border and Rockery	May	When 1" high	July.
Sensitive Plant	1 ft.	Branchy	Novelty	Garden or Pots	April and May	When 2" high	
Silene	1 ft.	Bushy	Mixed	Border	May	When 2" high	July and August.
Statice	1-3 ft.	Branchy	Mixed	Winter Bouquets	May	When 2" high	July to October.

ANNUALS—Continued

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Stevia.....	1 1/2 ft.....	Bushy.....	White.....	Cut.....	April and May.....	When 2" high.....	July-August.....
Stocks.....	1 1/2-2 1/2 ft.....	Branchy.....	Mixed.....	Bedding and Cut.....	Fall or Spring.....	When 2" high.....	May-June.....
Sunflower.....	3-8 ft.....	Branching.....	Yellow.....	Border and Cut.....	May.....		August-September.....
Sweet Peas.....	6-8 ft.....	Climber.....	Mixed.....	Cut.....	March to May.....	Do Not.....	June and July.....
Sweet William.....	1 1/2 ft.....	Tuft.....	Mixed.....	Border and Cut.....	April and May.....	When 2" high.....	June and July.....
Tithonia.....	8 ft.....	Branchy.....	Orange-red.....	Background and Cut.....	May.....	When 4" high.....	August to October.....
Torenia.....	1 ft.....	Bushy.....	Blue.....	Bedding and Pots.....	April and May.....	When 2" high.....	July to September.....
Verbena.....	6-12 in.....	Spreading.....	Mixed.....	Beds and Massing.....	May.....	When 2" high.....	July to October.....
Vinca.....	1-1 1/2 ft.....	Branchy.....	Pink and White.....	Bedding and Borders.....	April and May.....	When 3" high.....	July to October.....
Wallflower.....	1 1/2-2 ft.....	Bushy.....	Mixed.....	Bedding and Cut.....	March to May.....	When 2" high.....	August and Sept.....
Wild Cucumber.....	15 ft.....	Climber.....	Ornamental.....		May.....	Do Not.....	
Woolflower.....	2-3 ft.....	Branchy.....	Mixed.....	Bedding and Borders.....	March to May.....	When 2" high.....	July to October.....
Zinnia.....	1-4 ft.....	Branchy.....	Mixed.....	Bedding and Cut.....	May to Aug.....	When 2" high.....	July to October.....

PERENNIALS

Perennial seed may be planted in fall, but on account of the hot, dry fall season in St. Louis locality, we advise sowing perennials in early May, except those marked FALL, which are slow and will not germinate until the following spring. Perennials marked (*) will bloom the first year from seed if sown early.

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Achillea.....	2 ft.....	Erect.....	White.....	Rockery and Cut.....	May.....	September.....	All Summer.....
Aconitum.....	3 ft.....	Bushy.....	Blue.....	Border.....	Fall.....	September.....	Sept. and Oct.....
*Agrostemma.....	2 ft.....	Erect.....	Red.....	Rockery and Cut.....	May.....	September.....	June-July.....
Alyssum.....	10 in.....	Spreading.....	Yellow.....	Rockery.....	May.....	September.....	May.....
Ampelopsis.....	20-30 ft.....	Climber.....	Ornamental.....	Stone Walls.....	Fall.....	Sept. or April.....	
Anchusa.....	5 ft.....	Branchy.....	Blue.....	Shade.....	May.....	September.....	May-June.....
Anemone.....	2 ft.....	Bushy.....	Mixed.....	Cut.....	March-April.....	September.....	August to October.....
Anthemis.....	2 ft.....	Bushy.....	Yellow.....	Cut.....	May and Sept.....	Sept. and April.....	June to August.....
Aquilegia.....	2-3 ft.....	Bushy.....	Mixed.....	Border and Cut.....	May and Sept.....	September.....	May-June.....
Arabis.....	6 in.....	Spreading.....	White.....	Rockery.....	May.....	September.....	April.....
Armeria.....	1 ft.....	Tuft.....	Rose.....	Edging.....	May.....	September.....	June.....
Asclepias.....	2 ft.....	Bushy.....	Orange-scarlet.....	Cut.....	May and Sept.....	Sept. and April.....	July-August.....
Asters.....	1/2-4 ft.....	Bushy.....	Mixed.....	Rockery and Cut.....	May.....	September.....	May, June to Sept.....
Aubrietia.....	6 in.....	Trailer.....	Mixed.....	Rockery.....	May.....	September.....	April-May.....
Auricula.....	10 in.....	Erect.....	Mixed.....	Border and Pots.....	Fall.....	June and July.....	May.....
Baptisia.....	3 1/2 ft.....	Bushy.....	Blue.....	Border.....	May.....	September.....	May to June.....
Bellis (Daisy).....	6 in.....	Tuft.....	Mixed.....	Shady Position.....	August-Sept.....	April.....	May-June.....
Bocconia.....	6-7 ft.....	Branchy.....	White.....	Border.....	May.....	September.....	July.....
*Boltonia.....	3-4 ft.....	Branchy.....	Pinkish Lavender.....	Cut.....	March to May.....	May and Sept.....	September-October.....
Campanula.....	1/2-5 ft.....	Erect.....	Mixed.....	Border and Rockery.....	May.....	September.....	June to August.....
Candytuft.....	8 in.....	Bushy.....	White.....	Rockery.....	September.....	March-April.....	April to June.....
Carnation.....	1-1 1/2 ft.....	Tuft.....	Mixed.....	Cut and Rockery.....	May.....	September.....	May and July.....
Centaurea.....	1 1/2 ft.....	Bushy.....	Blue.....	Cut and Edging.....	May.....	September.....	May-June.....
Cerastium.....	6 in.....	Trailing.....	White.....	Edging and Rockery.....	May.....	September.....	May-June.....
Chelone.....	3 ft.....	Bushy.....	Mixed.....	Border and Cut.....	May.....	September.....	June-July.....
Clematis.....	12-15 ft.....	Climber.....	Mixed.....		Fall.....	April.....	June, Aug., Sept.....
Columbine.....	2-3 ft.....	Bushy.....	Mixed.....	Border and Cut.....	May and Sept.....	September.....	May, June, July.....
Coreopsis.....	2-3 ft.....	Bushy.....	Yellow.....	Cut.....	May.....	September.....	June-July.....
Crucianella.....	6 in.....	Creeping.....	Red.....	Rockery.....	May.....	September.....	June.....
Daisy, Shasta.....	2 1/2 ft.....	Bushy.....	White.....	Border and Cut.....	May.....	September.....	June.....
Delphinium.....	2-5 ft.....	Branchy.....	Blue and White.....	Border and Rockery.....	July to Sept.....	April and May.....	June to October.....
Dianthus (Pinks).....	6-12 in.....	Tuft.....	Mixed.....	Bedding and Rock.....	May.....	September.....	May to October.....
Dictamnus.....	2 1/2 ft.....	Bushy.....	Pink and White.....	Border and Cut.....	Fall.....	September.....	June-July.....
Digitalis.....	3-5 ft.....	Erect.....	Mixed.....	Background; Border.....	May.....	September.....	June-July.....
Echinops.....	2-3 ft.....	Erect.....	Blue.....	Border and Cut.....	May.....	September.....	July.....
Forget-me-not.....	8 in.....	Tuft.....	Blue and Rose.....	Rockery and Cut.....	Aug. to Sept.....	April.....	May.....
Foxglove.....	3-5 ft.....	Erect.....	Mixed.....	Background; Border.....	May.....	September.....	June-July.....
*Gaillardia.....	2-2 1/2 ft.....	Bushy.....	Mixed.....	Border and Cut.....	April.....	September.....	June to October.....
Geum.....	1 1/2-2 ft.....	Branchy.....	Red and Yellow.....	Cut and Rockery.....	May.....	September.....	May-June.....
Grasses.....	3-6 ft.....	Ornament.....		Bedding and Border.....	May and Sept.....	May.....	Summer.....
Gypsophila.....	1/2-3 ft.....	Branchy.....	White and Rose.....	Rockery and Cut.....	May.....	September.....	June to August.....
Helianthemum.....	8 in.....	Spreading.....	White and Pink.....	Rockery.....	May.....		May-June.....
Heliopsis.....	3-4 ft.....	Bushy.....	Yellow.....	Cut.....	May.....	September.....	June to October.....
Heuchera.....	1 ft.....	Erect.....	Crimson.....	Rockery and Cut.....	May.....	September.....	May-June.....
Hibiscus.....	4 ft.....	Bushy.....	Mixed.....	Background; Border.....	Fall.....	September.....	July.....
Hollyhock.....	5-7 ft.....	Erect.....	Mixed.....	Background; Border.....	May.....	Sept. and April.....	June-August.....
Incarvillea.....	2 ft.....	Bushy.....	Mixed.....	Bedding and Border.....	March to May.....	June.....	June to October.....
Kudzu Vine.....	40-50 ft.....	Climber.....	Purple.....		May.....	September.....	August-September.....
Lavender.....	1 ft.....	Branchy.....	Lavender.....	Border.....	May.....	September.....	June.....
Liatris.....	2-3 ft.....	Erect.....	Purple.....	Border and Cut.....	May.....	September.....	July-August.....
Lily, Regal.....	2 ft.....	Erect.....	White.....	Cut.....	Fall.....	Sept. or April.....	June.....
*Linaria.....	3 in.....	Trailing.....	Violet.....	Rockery.....	March.....	May.....	July to September.....
Linum.....	1 1/2 ft.....	Branchy.....	Blue.....	Rockery.....	May.....	September.....	May-June.....
Lobelia.....	2-4 ft.....	Erect.....	Red.....	Cut.....	Spring or Fall.....	When 4" high.....	July to September.....
Lupinus.....	2 1/2-3 ft.....	Erect.....	Mixed.....	Cut.....	May.....	September.....	May-June.....
Lychnis.....	1-3 ft.....	Bushy.....	Mixed.....	Bedding and Border.....	May.....	September.....	June to August.....
Lythrum.....	3 ft.....	Bushy.....	Pink.....	Massing.....	May.....	September.....	July to August.....
Myosotis.....	8 in.....	Tuft.....	Blue and Rose.....	Rockery and Cut.....	August-Sept.....	April.....	May.....
Oenothera.....	3 ft.....	Branchy.....	Yellow.....	Bedding and Border.....	May.....	September.....	June to August.....
Pansy.....	6 in.....	Tuft.....	Mixed.....	Shady Places.....	Spring; Fall.....	When 1" high.....	Spring and Summer.....
Pentstemon.....	2 1/2 ft.....	Branchy.....	Mixed.....	Border.....	May.....	September.....	June-July.....
Perennial Peas.....	6-8 ft.....	Climber.....	Mixed.....	Cut.....	May.....	September.....	July to October.....
Phlox.....	2-3 ft.....	Erect.....	Mixed.....	Bedding and Cut.....	Fall; Spring.....	When 4" high.....	July to September.....
Physalis.....	1 1/2 ft.....	Erect.....	Ornamental.....	Winter Bouquets.....	May.....	September.....	August-September.....
Physostegia.....	3 ft.....	Erect.....	Pink.....	Border and Cut.....	May.....	September.....	June-July.....
Platycodon.....	3 ft.....	Bushy.....	Blue.....	Border and Rockery.....	May.....	September.....	June to September.....
Polemonium.....	1-2 ft.....	Bushy.....	Purple.....	Border and Rockery.....	May.....	September.....	April to June.....
Poppy.....	1-3 ft.....	Bushy.....	Mixed.....	Cut and Rockery.....	March-April.....	August.....	May.....
Potentilla.....	1 1/2 ft.....	Branchy.....	Mixed.....	Border and Rockery.....	May.....	September.....	June.....
Primula.....	6-12 in.....	Erect.....	Mixed.....	Pots and Rockery.....	Fall.....	June-July.....	May.....
Pyrethrum.....	2 ft.....	Bushy.....	Mixed.....	Edging and Cut.....	May.....	September.....	May-June.....
Rosemary.....	2 ft.....	Bushy.....	Blue.....	Seasoning.....	April.....	June.....	
Rudbeckia.....	2-6 ft.....	Bushy.....	Yellow and Purple.....	Cut.....	May.....	September.....	July-October.....
Salvia.....	3 ft.....	Branchy.....	Blue.....	Bedding and Border.....	April.....	June.....	August-September.....
Saponaria.....	1 ft.....	Trailing.....	Rose.....	Rockery.....	May.....	September.....	May-June.....
Scabiosa.....	2-3 ft.....	Bushy.....	Blue and Pink.....	Border and Cut.....	May.....	September.....	July to October.....
Sedum.....	6-18 in.....	Crp.-Bush.....	Mixed.....	Border and Rockery.....	May.....	Sept.-May.....	July-October.....
Shasta Daisy.....	2 1/2-3 ft.....	Bushy.....	White.....	Border and Cut.....	May.....	September.....	June.....
Statice.....	1 1/2-2 ft.....	Bushy.....	Blue and White.....	Winter Bouquets.....	May.....	September.....	June-July.....

PERENNIALS—Continued

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Stokesia	1-2 ft.	Branchy	Blue	Cut	May	September	June to August.
Sunflower	4-5 ft.	Branchy	Yellow	Border and Cut	May	September	August-September.
Sweet Peas	6-8 ft.	Climber	Mixed	Cut	May	September	July to October.
Sweet Rocket	2-3 ft.	Branchy	Mixed	Border and Cut	May	September	May-June.
Sweet William	1½ ft.	Bushy	Mixed	Border and Cut	May	September	May-June.
Thalictrum	3 ft.	Branchy	Mixed	Border and Cut	May	September	June-July.
Tritoma	2½ ft.	Erect	Red	Border and Cut	May	September	August.
*Tunica	10 in.	Creeping	Pink	Border and Rockery	May	September	June to September.
*Valeriana	2-3 ft.	Branchy	Mixed	Border	May	September	June.
Verbena	12 in.	Spreading	Mixed	Beds and Massing	May	September	June to October.
Veronica	1½ ft.	Erect	Mixed	Border and Rockery	May	September	June and July.
Viola Cornuta	6 in.	Tuft	Mixed	Rockwork	Spring, Fall	When 1" high	Spring and Summer
Violets	4 in.	Tuft	Blue	Shady Places	Fall	April	April-May.
Wahlenbergia	3 ft.	Bushy	Blue	Border and Rockery	May	September	June to September.
Wallflower	1½-2 ft.	Branchy	Mixed	Bedding and Cut	September	April	May.

TENDER PERENNIALS—Plants That Need Protection From Frost

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Abutilon	2-3 ft.	Branchy	Mixed	House Plant	April-May	When 2" high	Continuously.
Asparagus	2-3 ft.	Branching	Ornamental	House Plant	May	When 2" high	
Begonia	8-15 in.	Bushy	Mixed	House Plant	March	When 1" high	Winter.
Bellis (Daisy)	6 in.	Tuft	Mixed	Shady Position	August-Sept.	April	May-June.
Calceolaria	1½ ft.	Bushy	Mixed	House Plant	June	When 1" high	Spring.
Canna	3-5 ft.	Erect	Mixed	Bedding	March	When 4" high	July to October.
Chrysanthemum	1½-2 ft.	Branchy	Mixed	Cut	February	When 4" high	October.
Cineraria	1 ft.	Bushy	Mixed	House Plant	July	When 2" high	Spring.
Coleus	1-3 ft.	Bushy	Mixed	Bedding and Pots	March to May	When 1" high	
Cuphea	1 ft.	Bushy	Russet-Orange	Bedding and Pots	March	When 2" high	Summer and Fall.
Cyperus	2 ft.	Bushy	Ornamental Fol.	House Plant	May	When 2" high	
Dahlia	1½-5 ft.	Branchy	Mixed	Bedding and Cut	April	When 4" high	July to October.
Dracaena	2 ft.	Erect	Ornamental Leaf	House Plant	May	When 4" high	
Feverfew	1-2 ft.	Bushy	White and Yellow	Bedding and Cut	April	When 2" high	June to August.
Fuchsia	1-4 ft.	Bushy	Mixed	House Plant	March	When 2" high	Winter.
Geranium	1-1½ ft.	Bushy	Mixed	Bedding and Pots	May	When 4" high	Summer.
Gerbera	2 ft.	Erect	Mixed	Cut	May	September	Spring.
Gloxinia	1 ft.	Bushy	Mixed	House Plant	April	When 1" high	Spring.
Grevillea	1-5 ft.	Branchy	Ornamental	House Plant	May	When 2" high	
Heliotrope	1½-2 ft.	Bushy	Blue	Bedding and Pots	Jan.-Feb.	When 2" high	Summer.
Impatiens	1½ ft.	Bushy	Mixed	Bedding and Pots	April	When 1" high	Winter and Spring.
Pansy	6 in.	Tuft	Mixed	Shady Places	Spring; Fall	When 1" high	Spring and Summer
Shamrock	6 in.	Spreading		House Plant	April	When 1" high	
Smilax	10 ft.	Climber	Ornamental	Greenhouse	November	When 2" high	
Solanum	1 ft.	Bushy	Red Berries	House Plant	May	When 2" high	
Thunbergia	3-4 ft.	Trailer	Mixed	Hanging Baskets	April	When 2" high	July-August.

BIENNIALS—Live Two Seasons

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Adlumia	10 ft.	Climber	Flesh		Spring		June.
Campanula	2½-3 ft.	Erect	Mixed	Border	April	July	June.
*Cheiranthus	1 ft.	Bushy	Yellow	Border and Rockery	May	September	May.
Honesty	3-4 ft.	Branchy	White	Ornamental Pods	Spring	July	May.

INOCULATE ALL LEGUMES WITH

NITRAGIN

The Original Legume Inoculator

INOCULATOR PRICES

When Ordering Always Specify Name of Seed

Alfalfa, all Clovers

Size	Retail
½ bu. ea.	\$0.35
1 bu. ea.	.55
2½ bu. ea.	1.20

Vetch, Austrian Peas, Canadian Peas, Beans

Size	Retail
½ bu. ea.	\$0.30
1 bu. ea.	.45
* 1⅓ bu. ea.	.65
5 bu. ea.	1.85
*12½ bu. ea.	4.25

*"100 lb. size." Packed only for Vetch and Peas.

LESPEDEZA

Unhulled or Hulled

Size	Retail
1 bu. ea.	\$0.35
2 bu. ea.	.55
5 bu. ea.	1.20

Peanuts, Soy Beans, Cow Peas, Lima Beans

Size	Retail
1 bu. ea.	\$0.35
2 bu. ea.	.55
5 bu. ea.	1.20
10 bu. ea.	1.75
*25 bu. ea.	3.75

*"25 bu. size." Packed only for Soy Beans, Cow Peas.

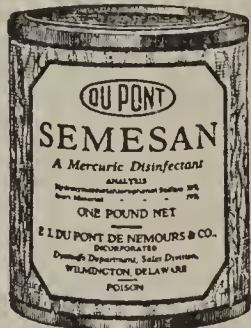
New Garden Size

NITRAGIN for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines

Each package will inoculate any amount up to 4 lbs. seed.

Retail Price . . . \$0.10 ea.

DU BAY SEMESAN



It destroys the destructive diseases on the seed and protects them from the rots in the soil, which results in increased stands of more vigorous, healthy plants that yield larger, quality crops. Sprinkling of the seedling beds with Semesan solution effectively prevents damping-off. Recommended especially for seeds, bulbs, and gladiolus corms.

Semesan (for Vegetables and Flowers). 2 ozs., 50c; 1 lb., \$2.50; 5 lbs., \$11.75; 25 lbs., \$46.25.

Semesan, Jr. (for Corn). 4 ozs., 50c; 1 lb., \$1.50; 5 lbs., \$7.00; 25 lbs., \$28.75.


2 ounces treat one bushel of seed corn, as a dust.

Semesan Bel (for Seed Potatoes, Bulbs, and Roots). 4 ozs., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

1 pound treats 60 to 80 bushels of seed potatoes.

Ceresan (for Wheat, Oats, Barley, Rye, and Cotton). 1-lb. tin, 75c; 5-lb. tin, \$3.00.

2 to 3 ounces treat a bushel of seed, as a dust.



For damping-off control of seedlings use 1½ ozs. of Ansul Formaldehyde Dust per square foot of area of soil in beds, benches or flats 2½ to 3 inches deep. After the soil is prepared and in the bench or beds, spread the required amount of Ansul Formaldehyde Dust evenly over the sur-

ANSUL FORMALDEHYDE DUST

Methods of Treatment

face and work thoroughly into the soil. When flats or pots are to be used, enough soil should be placed on a bench or cement floor and the dust mixed with it, at the rate of eight ounces per bushel of soil. Place in flats, sow seeds and water immediately. 1 lb., 75c; 5 lbs., \$2.00; 25-lb. drum, \$5.50; 50-lb. drum, \$9.00.

Strawberry Seed and Plants

Strawberry plants are not in stock, but are sent direct to you from the nursery, ready April, May and October.



SPRING-BEARING VARIETIES

Aroma. (S). Late. The Aroma is one of the best late varieties for both northern and southern sections. It is the one variety that comes nearest to being fitted for both the North and South.

Blakemore. (S). Extra early. A cross between Premier and Missionary. Originated by the U. S. Dept. of Agriculture. Fruit is large, firm, dark red, of conical shape. Good plant maker and heavy bearer.

Dorsett. (S). The berries are large, sweet, and deep red. The plants are vigorous and produce a large crop.

Fairfax. (S). The Fairfax is a deep red sweet early berry. The plants are very vigorous, bears heavily throughout a long season.

Senator Dunlap. (S). Medium. The Senator Dunlap is one of the old standbys among Strawberry varieties. It is grown under more conditions and by more people than any other variety. The berries are of high quality and handsome appearance.

ABOVE VARIETIES

	25	100	1000
Price	\$0.50	\$1.25	\$8.50

EVERBEARING STRAWBERRIES

Gem. Produces extremely large berries throughout the Summer and Fall. Keep watered and cultivated during hot, dry weather.

Mastodon. The Mastodon is a fall-bearing variety. This variety should give excellent results especially where water can be applied during dry weather and where special attention can be given to the plants. Price: 25 for 85c; 100 for \$2.25; 1000 for \$18.00.

STRAWBERRY SEED

Baron Solemacher. A strawberry grown from seed. An ideal berry for home garden, producing fruit the first season from early sown seed. The plants form no runners. Fruit medium size and dark red. The berries are sweet and highly aromatic. Pkt., 25c.

Vegetable Plants

Please Note: All vegetable plants on this page are grown especially for us, are in stock at our store and are strong, transplanted plants.

ASPARAGUS ROOTS

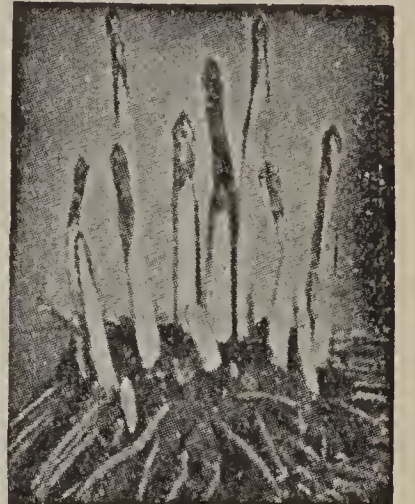
Extra Choice Two-Year Roots.

	Doz.	4 Doz.	100
Washington Rust-Proof	\$0.25	\$0.90	\$1.75
(By parcel post, add 5c per doz. postage.)			

CABBAGE PLANTS

Plants should be set about 2½ to 3 feet apart. April and May delivery

	25	50	100
Wakefield	\$0.20	\$0.35	\$0.60
Golden			
Acre ....	.20	.35	.60
All Season.	.20	.35	.60
(By parcel post, add 20c per 100 for postage.)			



CAULIFLOWER PLANTS

April and May delivery. Plants should be set 2½ to 3 feet apart.

	Doz.	4 Doz.
Early Snowball	\$0.10	\$0.35

CELERY PLANTS

Ready July 1st.

	50	100
Price	\$0.25	\$0.45
(By parcel post, add 20c per 100.)		

EGG PLANT

	Doz.	100
Egg Plant. Black Beauty.....	\$0.20	\$1.40
(By parcel post, add 5c per doz.)		

HORSERADISH ROOTS

The soil should be very rich and well cultivated. 12 for 15c; 4 doz. for 50c; 100 for 75c; 1000 for \$6.00. (By parcel post, add 10c per 100 postage.)

PEPPER PLANTS

Ready for May and June.

	Doz.	4 Doz.	8 Doz.
Chinese Giant	\$0.15	\$0.50	\$1.00
Crimson King .....	.15	.50	1.00
Red Cayenne .....	.15	.50	1.00
(By parcel post, add 5c per doz. postage.)			

RHUBARB ROOTS

When only a few plants are required, we would suggest the purchase of roots instead of seed. Transplant roots in fall, or spring, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots.

	Each	Doz.
2-year-old	\$0.15	\$1.50
(By parcel post, add 5c each, or 25c per doz.)		

SWEET POTATO PLANTS

	50	100	1000
Red or Yellow.....	\$0.25	\$0.45	\$4.00
Ready May and June.			
(By parcel post, add 20c per 100.)			

TOMATO PLANTS

We make a specialty of growing Tomato plants and can furnish the following varieties after May 10th in fine, strong, stocky plants. Ready May and June.

	Dz.	4 Dz.	8 Dz.
Ponderosa	\$0.15	\$0.50	\$1.00
Livingston Globe .....	.15	.50	1.00
Break o' Day.....	.15	.50	1.00
Marvelous .....	.15	.50	1.00
Marglobe .....	.15	.50	1.00
(By parcel post, add 20c per 100 for postage.)			

General List of Highest Grade Vegetable Seeds

It has always been our endeavor to list only sorts of vegetable seeds as, from our tests and experience, we have found to be of superior merit. In many instances, we have stricken out varieties that were out of date, but have always listed a superior sort that we could honestly recommend as better for the home garden as well as for the market gardener.

ARTICHOKE

Green Globe. The plants of medium height with large, thistle-like, medium deep green foliage. The edible buds or flower heads are deep green, globe-shaped or ovoid. The fleshy scales are moderately broad and full at base and are regarded as a delicacy. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

ASPARAGUS

One ounce will sow about 50 feet of drill.

Martha Washington. The shoots of this vigorous and prolific variety are large, deep green tinged with purple at the tips, and are resistant to Asparagus Rust. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

DWARF BEANS

One pound will plant 100 feet of row; thirty pounds will plant an acre.

At the following prices on Beans, packets up to five pounds are sent prepaid, all larger quantities are shipped at purchaser's expense.

Culture: Plant about the first of May in rows, placing the seed 2 to 3 inches apart in drills about 2 inches deep. The rows should be about 2½ feet apart, and the soil slightly hilled, to insure good drainage. Frequent pickings insure a more prolonged bearing season. For succession plant every two weeks up to August 1st.

GREEN-PODDED VARIETIES

Bountiful Stringless. 48 days. This is the best flat-podded stringless variety. The light green pods are 6½ to 7 inches long, stout, flat, somewhat curved, absolutely stringless. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.00.

Full Measure. 54 days. Well adapted to home garden use and is rapidly becoming one of the most popular of the round-podded green Beans. Pods are medium green, round, fleshy, fine grained and strictly stringless. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.00.

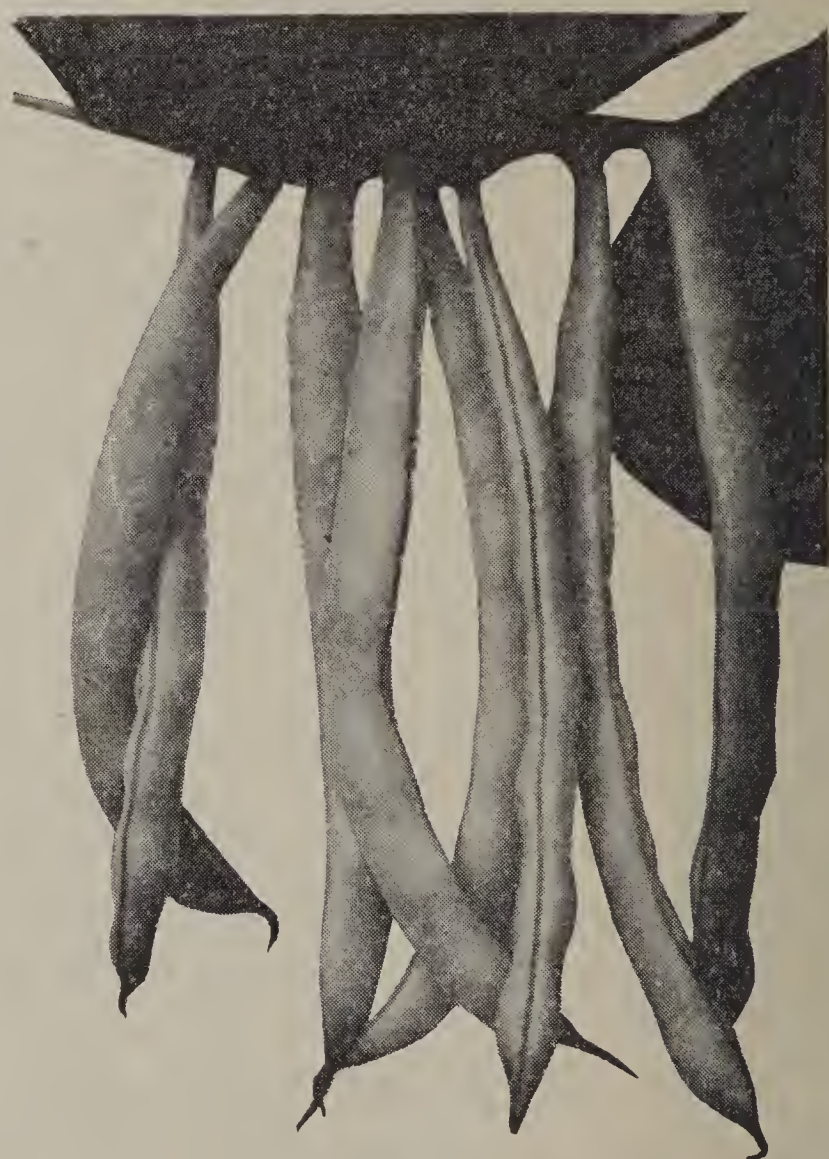
Giant Stringless Green Pod. 56 days. The pods are large and nearly round, and of medium green color. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.

Mammoth Stringless Green Pod. (Tender-green.) 56 days. A very high quality green-podded sort, producing large pods, some of which measure 6 inches in length, of the finest quality. Pods are perfectly round. Pkt., 5c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

Stringless Green Pod. 52 days. A very desirable dwarf green-podded snap Bean largely grown for the market. The pods are medium green, 5 to 6 inches long, are of high quality and remain crisp and tender. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.

Valentine, Improved Early Round Pod. 45 days. Vines strong and vigorous; pods green, medium length with creases in the back; very fleshy, crisp and tender. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.00.

White Navy. (Shell Bean.) The famous little white soup Bean. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.



Full Measure

WAX-PODDED VARIETIES

St. L. S. Co.'s White Wax. 48 days. This round-podded Dwarf Wax Bean has attained the top notch among Beans of this class, the pods average 5 to 6 inches in length, a round-podded wax variety; they are very solid, meaty and tender. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

Golden Wax. 48 days. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4½ to 5 inches long, thick, oval, fleshy, brittle, stringless. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.10.

Pencil Pod Wax. 52 days. Very desirable for home and market garden and for truckers. Plant large and thrifty, heavily productive over long period. Pods handsome bright yellow; 5½ to 6 inches long. Seeds black. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.10.

PRICE OF BEANS—Delivery Charges Extra

	10 lbs.	25 lbs.	100 lbs.
Mammoth Stringless ..	\$1.60	\$3.75	\$14.00
Bountiful	1.50	3.50	13.00
Full Measure	1.60	3.75	14.00
Giant Stringless	1.50	3.50	13.00
Stringless Green Pod...	1.50	3.50	13.00
Stringless Red Valentine	1.50	3.50	13.00
St. L. S. Co.'s White Wax	1.60	3.75	14.00
Golden Wax	1.70	4.00	15.00
Pencil Pod Wax.....	1.70	4.00	15.00

INOCULATE BEANS WITH NITROGEN

Pole Beans

One pound will plant 100 feet of row; thirty pounds will plant an acre.

Prices on Beans, packets up to five pounds are sent prepaid, all larger quantities at purchaser's expense.

Culture: Pole Beans are more sensitive to cold than the bush kinds, and should not be planted before the ground is warm—in this latitude, after May 1st. Set poles 6 to 8 feet long, 3 to 4 feet apart, in 4-foot rows and plant five or six beans 2 inches deep around each pole.

Kentucky Wonder (Old Homestead). 65 days. Unexcelled for home and market garden. Excellent climber, thrifty, heavily productive. Pods medium green; 8 to 9 inches long, nearly round and $\frac{1}{2}$ inch in diameter; slightly stringy, fleshy. Pkt., 5c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

St. L. S. Co.'s White Cornfield. 65 days. An early maturing, green-podded, white-seeded pole sort, desirable for snaps and unsurpassed in its class as green shell beans. The pods are round, very long, often 8 to 9 inches, irregular in shape and quite stringless. Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

Yard Long Pole Bean. (A novelty). Excellent climber and heavy producer. Pods medium green, 20 to 30 inches long. Pkt., 10c; $\frac{1}{4}$ lb., 25c.

LIMA BEANS—DWARF

St. L. S. Co.'s Improved Bush Lima. 70 days. Similar to Burpee's Bush Lima, except smaller. Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

Burpee's Improved Bush Lima. 75 days. Plant large, heavily productive. Pods large, $4\frac{1}{2}$ to 5 inches long; usually contain 4 large, thick beans. Dry beans large, flat, greenish white. Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.25.

POLE LIMA BEANS

St. L. S. Co.'s Genuine Butter. 80 days. These Beans have a creamy white color, in large pods; more delicious than the ordinary Lima Bean. Crop failed.

King of the Garden. 88 days. The true "King" of the Limas. The favorite of the market gardeners on account of its long, well filled pods. Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.25.

Small White Lima (or Sieva.) 82 days. A very reliable heavy yielding, early variety. The earliest of the Pole Limas, bearing green shell beans in 78 days. Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.25.

Henderson's Bush (Baby Lima). 65 days. Popular for canning. Plant medium large, productive. Pods small, 3 inches long, contain 3 to 4 seeds. Green shell beans small, flat, of splendid quality. Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.00.

Broad Windsor. 85 days. An old-fashioned English shell Bean. Dry beans very large and yellowish green. Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c.

PRICE OF BEANS—Delivery Charge Extra

	10 lbs.	25 lbs.	100 lbs.
St. L. S. Co.'s White Cornfield	\$2.00	\$4.75	\$18.00
Kentucky Wonder	1.50	3.50	13.00
St. L. S. Co.'s Genuine Butter		Crop Failed	
King of the Garden....	1.80	4.25	16.00
Small White Lima.....	1.80	4.25	16.00
Burpee's Imp. Bush Lima	1.80	4.25	16.00
Improved Bush Lima...	1.80	4.25	16.00
Henderson's Bush Lima.	1.60	3.75	14.00

Beets

Seed should be sown at the rate of one ounce to 50 feet of row; 5 to 6 lbs. to acre. The rows should be spaced 16 to 18 inches apart. Work the soil well and cover the seeds about $\frac{1}{2}$ inch deep.

Boston Crosby. 54 days. An exceptionally good selection from Crosby's Egyptian, being more "globe-shaped"; with a smaller top and tap root, maturing in 63 days. Roots are remarkably uniform, very dark red; flesh deep purplish red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c; 5 lbs., \$4.00.

Detroit Dark Red (Selected). 55 days. The standard of excellence in table Beets for home and market garden, for shipping, and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; very dark blood-red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c; 5 lbs., \$4.00.

Extra Early Egyptian. 50 days. Particularly valuable for early market. Tops small and upright; roots flattened, with long slender tap roots; flesh dark purplish red zoned lighter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., \$3.25.

Early Table. 54 days. The roots are very smooth, even in size and shape, which is almost perfectly globular. The tap root is slender and the root pinches closely at the base of the tap root. The skin is smooth and very dark red. Fine for market garden, also canning and pickling Beet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90 c; 5 lbs., \$4.00.

Early Wonder. (Selected.) 54 days. This is the earliest Beet for bunching purposes. Deep blood-red, nearly globular root, small sized top. Its attractive appearance make it valuable for market garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c; 5 lbs., \$4.00.

Crosby's Egyptian. (Selected.) 56 days. The roots are flattened globe-shaped and very smooth. This is one of the best for early planting outdoors and is much used for bunching. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c; 5 lbs., \$4.00.

Edmand's Blood Turnip. 60 days. A desirable second early market Beet, suitable also for the home garden. Roots nearly round; color dark red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

MANGEL WURZEL OR STOCK BEET

One ounce of seed plants 100 feet; 5 lbs. per acre.

Giant Half-Sugar, Rose Top. Roots long, oval, tapered; grayish white with rose colored shoulder; flesh white, rich in sugar. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

Golden Tankard. Roots large, thick, oval, nearly cylindrical; light gray above, deep orange below ground; flesh yellow with white zones. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

Mammoth Long Red. Roots very large; long spindle shape, straight and thick; grow one-third to one-half out of ground; light red; flesh white tinged with rose. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

-SWISS CHARD OR BEET SPINACH

Large Ribbed White (Silver Leaf). The leaves are broad, somewhat waved but smooth and are of a medium light yellowish green color. The stalks are broad and flattened, but tender and succulent. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 75c.

Lucullus. A delicious variety having pale green leaves which are crimped and curled. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 75c.



Swiss Chard

BORAGE

A hardy annual used as a pot herb and for bee pasturage. The bruised leaves immersed in water give it an agreeable flavor and are sometimes used in salads. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

BROCCOLI

Closely allied to the Cauliflower. It is generally considered rather more hardy. Sow seed in frames early in spring, culture same as cauliflower.

Green Sprouting Calabrese. The plants form a large, solid head which remains green. After this head is cut out, a number of sprouts develop from the leaf-axils, each sprout terminating in a small head about one inch in diameter. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; 1 lb., \$2.50.

BRUSSELS SPROUTS

They are grown wherever conditions are favorable for late cabbage and require the same culture. They mature best in the autumn after the weather becomes cool.

Long Island Improved. Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm, round, cabbage-like balls of $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

CHINESE CABBAGE

This is not a true Cabbage and is often called Celery Cabbage on account of the shape of the heads which resemble celery. The leaves are more like those of turnip in color and texture. The flavor is distinct. It combines the qualities of both celery and cabbage and is highly prized as a salad vegetable. Plant seed out-of-doors at the



Broccoli

same time as turnips. Thin to 12 to 16 inches apart in the rows. If planted too early this species will "bolt" during hot weather and fail to form heads.

Wong Bok. A comparatively short type with blocky heads, 8 to 10 inches tall, tightly folded and are rich creamy white in color. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.90.

Chihli. This is a sure heading, vigorous growing variety with erect, dark green, roughened leaves which enclose a cylindrical pointed head 18 to 20 inches long. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.90.



Chinese Cabbage

Cabbage

One ounce will produce about 2000 plants; $\frac{1}{4}$ lb. seed in beds will produce plants for one acre.

Culture: Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts $2\frac{1}{2}$ feet each way. To be well grown, Cabbages require a deep, rich loamy soil.

EARLY VARIETIES

All Season or Surehead. 85 days. The name best describes this variety as it is sure-headed, of the flat Dutch type of heads and a first class main crop. The heads are very large, extremely hard and solid. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25.

Charleston or Large Wakefield. 70 days. The exceeding hardness and size of this first early variety have made it very popular. It is especially recommended for succession to follow Jersey Wakefield. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Copenhagen Market. 65 days. A perfect, tightly folded head averaging 5 to 8 pounds in weight. The compact growth of the plant, the solidity of the head, its excellent flavor, and extreme earliness—all combine to make Copenhagen Market one of the most popular early Cabbages. Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

Early Dwarf Flat Dutch. 70 days. Excellent for home and market garden. Plants small and compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep, and weigh $4\frac{1}{2}$ to 5 lbs.; firm and of high quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25.

Early Jersey Wakefield. 62 days. Extremely early variety, very valuable for home and market garden. Heads firm and conical, usually 7 inches long, 5 inches thick near base; weight 2 to $2\frac{1}{4}$ lbs. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Golden Acre. 62 days. A very fine sort from Denmark. The earliest round headed Cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weigh 3 pounds. This is similar to Copenhagen Market but is several days earlier, and the heads are smaller. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

SAVOY OR CURLED CABBAGE

Early Dwarf Ulm Savoy. A very early and superior dwarf variety of fine quality. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

Perfection Late Savoy. The best of the main crop and late Savoys for home use or market. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.



Golden Acre Cabbage

LATE VARIETIES

Hollander or Danish Ballhead. 92 days. Very hardy, sure heading, very solid, of good quality and is one of the very best keepers. The heads are medium sized, round, exceptionally solid. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

Marion Market. (Yellows Resistant.) 85 days. This was originally bred up from Copenhagen Market, but differs from the latter in several respects. It takes about 20 days longer to mature. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.25.

Superior Late Flat Dutch. 100 days. We recommend this sort for markets that require a very large and deep head. The plants are large, fairly compact but distinctly vigorous with medium length stem and large outer leaves. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25.

RED CABBAGE

Early Red Erfurt. This is a favorite variety with those who like Red Cabbage. The heads grow medium size and are practically ball-shaped. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

Mammoth Rock Red. The largest and surest heading red Cabbage. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

Selected Cauliflower Seed

One ounce of seed will produce from 3000 to 4000 plants.

Culture: For spring and early summer crop, sow in February or early in March in hotbed. Seed should be thoroughly pressed into the ground after sowing. This insures quick germination. Cover seed with $\frac{1}{8}$ inch of fine soil. Transplant to cold frame when sufficiently large to handle. As soon as danger of hard freezing is over set in the open ground in rows $2\frac{1}{2}$ to 3 feet apart and 18 inches apart in row. The plants will endure a slight frost.

St. L. S. Co.'s Super Snowball. 65 days. This Snowball is healthier and more vigorous than any of the old stocks. The head is perfectly protected by leaves until it reaches a size of five inches in diameter, when only it needs to be tied up; and then, if growing conditions be favorable, the head will attain marketable size in a few days' time. Pkt., 10c; $\frac{1}{4}$ oz., 65c; oz., \$2.00; 4 ozs., \$7.00.

Early Snowball. 54 days. It is admirably adapted for forcing or wintering over for early crop and is the most popular sort for these purposes, also one of the best sorts for late summer and fall crop. The plants are compact, with few short, outside leaves and are well suited for close planting. The heads are of medium to large size, solid, compact, round, very white. Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.50; $\frac{1}{4}$ lb., \$5.00.

CARDOON

Large Smooth. A tender and richly flavored variety which blanches easily and makes an attractive appearance. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.75.

Carrot

One ounce will sow 100 feet of drill.

Culture: April is the time to sow for early use. Sow seeds in drills 12 to 15 inches apart, and thin out from 3 to 4 inches in drills, covering seed about $\frac{1}{4}$ inch. For general crop sow in May and June.

Chantenay Early Half-Long Scarlet. 70 days. Extra fine. This extensively used, half-long early variety has small tops and is excellent for the market or home garden. The roots are bright orange. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium sized sorts. The mature roots are usually five to six inches long. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.10.

Red-Cored Chantenay. 70 days. This is a distinct improvement over the well known Chantenay. Roots $5\frac{1}{2}$ to 6 inches long, $2\frac{1}{4}$ inches thick at the shoulder, tapered, stump-rooted; flesh and core reddish orange. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.10.

Danvers Half-Long. (Selected.) 75 days. For a general crop Danvers Half-Long Carrot stands supreme; a half-long orange Carrot. The tops are of medium size. The mature roots are 6 to 8 inches long. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.10.

Frankfurt Stump-Rooted. 80 days. The roots are cylindrical, stumped, smooth, 6 inches long, symmetrical. They are coreless and bright orange. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Improved Rubicon Stump-Rooted. 70 days. Tops small. Roots bright orange; 6 to 7 inches long, $1\frac{1}{4}$ inches thick; cylindrical; stump-rooted. Flesh bright orange. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.10.

Ox-Heart or Guerande. 70 days to produce roots of good table size. Roots scarlet-orange; broad, blunt, heart-shaped; become $4\frac{1}{2}$ to 5 inches long. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

St. Valery. 85 days. The roots are very deep orange, long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

Celery

One ounce will produce about 3000 plants.

Culture: The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row.

Florida Golden. A selection from Golden Plume, bred for taller growth, and larger, thicker stems. Matures early. Hearts blanch to a rich cream color of exceptionally fine quality. Plants full hearted and compact. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Golden Detroit. This is a pure selection of the Dwarf Golden Self-Blanching type. The handsome plants are heavy, very compact, stems are broad, and very thick. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Golden Plume. This strain of Celery closely resembles the old Golden Self-Blanching in crispness and flavor, but is distinctly larger and ranker in growth, more plainly ribbed, blanches more quickly, matures earlier. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

White Plume. The plants are of vigorous growth. They blanch easily and quickly to a pure white. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Curled Celery. Used for flavoring soups, etc. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c.



Golden Plume Celery

CELERIAC (Turnip-Rooted Celery)

Giant Prague. An improved variety of turnip-rooted Celery producing large tubers of nearly globular shape and comparatively smooth surface. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.00.

CHICORY

Sow seed as early in the spring as the ground can be prepared, in rather light, moderately rich soil, in rows 2 to $2\frac{1}{2}$ feet apart.

Witloof Chicory. The seed should be sown during April in the open ground, in drills 10 to 12 inches apart. Allow the plants to grow until November, then take up and trim off the outer leaves. Then place in a trench 8 to 12 inches deep, placing the roots upright, about $1\frac{1}{2}$ inches apart. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.75.

COLLARDS

Georgia or Southern. This vegetable develops a loose-leaved head. It grows 2 or 3 feet high and produces large light green leaves on rather long stems. A frost, if not too severe, will improve the crop. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 60c.

CORN SALAD

Large-Seeded, Large-Leaved. During August or September sow the seed in shallow drills about 1 foot apart, covering with about one-fourth inch of fine soil firmly pressed down. On the approach of severe cold weather, cover with straw. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Corn—Sweet or Sugar

One pound of seed will plant about 100 hills; 15 pounds an acre in hills.

A rich, warm soil is the best, but excellent Sweet Corn can be raised on any good soil, if it is deeply and thoroughly worked before planting. If planted in hills, make the hills for the early varieties 3 feet apart each way and plant 4 to 6 kernels to the hill. For the later sorts the hills should be 3½ to 4 feet apart each way.

Bantam Evergreen. A cross between Golden Bantam and Stowell's Evergreen, resulting in a large ear of orange-yellow color. They average 8 to 9 inches in length, with 12 or 14 rows of kernels of fine quality. Maturity is in about 90 days. Pkt., 5c; ½ lb., 20c; 1 lb., 30c.

Black Mexican. Maturing in 85 days. This is one of the finest flavored Sweet Corns. When in table condition the kernels are pearly white. Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

Country Gentleman. Maturing in 100 days. Heavy yielding variety with Evergreen character. Plants 6½ to 7 feet tall, commonly with 2 or more ears, set solid with irregular rows of white kernels; very deep; sweet and tender. Pkt., 5c; ½ lb., 20c; 1 lb., 35c.

Early Table. A flinty grain which enables it to be planted very early in cold ground. Height 4 to 4½ feet, maturing in 65 days. Pkt., 5c; ½ lb., 15c; 1 lb., 25c.

Golden Bantam. Maturing in 75 days. The ear has eight straight rows of broad, meaty kernels which are a rich creamy golden yellow in color. Pkt., 5c; ½ lb., 20c; 1 lb., 30c.

Golden Cross Bantam. 88 days. A sturdy hybrid that stands adverse conditions. Ears are 7 to 8 inches long with 10 to 14 rows of highest quality golden yellow kernels. Produces marked increase in yield and surprisingly uniform stalks and ears. Pkt., 10c; ½ lb., 25c; 1 lb., 40c.

Howling Mob. A medium early variety with large ears, averaging some eight inches long, white and of very fine flavor. This variety is used by many market gardeners serving a section where white corn is popular. The ears have 12 rows, maturing in 80 days. Pkt., 5c; ½ lb., 20c; 1 lb., 30c.

Stowell's Evergreen. The greatest of the late white varieties, it has been known under the same name for at least forty years. It is the standard main crop variety, bearing thick ears which average well over 8 inches in length, often reaching 9½ inches. It is one of the sweetest varieties known. The ears have 12 rows of deep kernels. Matures in about 100 days. Pkt., 5c; ½ lb., 20c; 1 lb., 35c.

Vanguard. Maturing in 70 days. Vanguard is the most profitable early Sweet Corn under cultivation. It is the earliest large-eared Sweet Corn we know of, and it has excellent table quality. About 7 days earlier than Howling Mob. Pkt., 5c; ½ lb., 20c; 1 lb., 35c.

POP CORN

Golden. A 12 to 15-rowed variety with smooth, bright yellow kernels, which pop large and tender. Lb., 25c; 10 lbs., \$2.00.

Japanese Hulless. A dwarf variety with ears about 4 inches long. A sure popper and of fine quality. Lb., 25c; 10 lbs., \$2.00.

90-Day White Corn for roasting-ears. Champion White Pearl. 1 lb., 15c; 5 lbs., 60c.

PRICES ON SWEET CORN—

Delivery Charges Extra

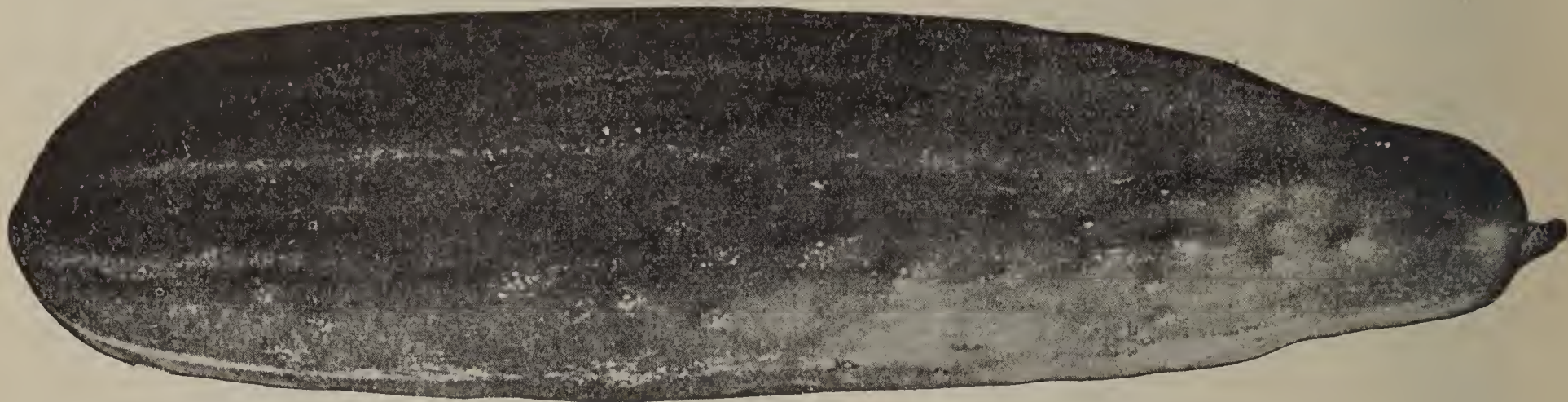
	10 lbs.	25 lbs.	100 lbs.
Bantam Evergreen	\$1.60	\$3.75	\$14.00
Country Gentleman ...	2.00	4.75	18.00
Early Table	1.40	3.25	12.00
Golden Bantam	1.60	3.75	14.00
Howling Mob	1.60	3.75	14.00
Stowell's Evergreen	1.80	4.25	16.00
Vanguard	2.00	4.75	18.00

National
Eezy Wear
Garden Gloves

Sizes: Small, Medium, Large.
Per Pair, 75c.

Cucumber

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.



St. Louis Seed Co.'s Imp. Hybrid Cucumber

Black Diamond. Fruits rich dark green, retaining their color long after pickling. 7 to 8 inches long, $2\frac{3}{4}$ inches thick, slightly tapered, full at both ends. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Davis Perfect. A very fine Cucumber. Beautiful dark green color. Fruits 8 to 10 inches long, tapering at both ends, solid flesh, few seeds. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Early White Spine. This truly is the peerless Cucumber and for slicing it has no equal. Our select strain of this variety is unsurpassed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Extra Long or Evergreen White Spine. The fruits of this very desirable table sort are long, cylindrical, very dark green, with very white, crisp and tender flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Gherkin or Burr. An early maturing, very small, dark green Cucumber; an ideal bottle pickle. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Japanese Climbing. Here is a variety that won't take up so much space in your garden as it easily trails up poles or trellises. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

CRESS

Curled or Pepper Grass. The leaves are frilled or curled, and are used for garnishing. The plant is of rapid growth, about one foot high. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

Water Cress. Seeds may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the running stream. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

DANDELION

One ounce will sow 100 feet of row.

Sow in early spring in rows 18 inches apart, covering firmly with fine soil. Thin or transplant to 10 or 12 inches apart. The leaves are used as salad or as boiled greens. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.



Germâco
Hotkaps
New Method of
Plant Protection

London Long Green. The fruits are very long, often 12 to 15 inches when mature, pure yellow when ripe. It is a standard sort for slicing and is very largely used for pickles. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

St. L. S. Co.'s Improved Green Hybrid. We consider this the finest all around Cucumber in existence. It has a long and straight, attractive shape, with a very rich green color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Snow's Pickling. Is grown almost exclusively for pickling and is ideal for that purpose. It produces fruits of pickling size in 47 to 50 days and is the earliest of the varieties in common use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Straight 8. This White Spine variety typifies its name, running quite straight, regularly 8 inches long and 2 inches in diameter. Color dark green, free from pale striping, and very productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.25.

The striped cucumber beetle is often very destructive to young plants. These beetles are usually kept from doing serious damage by dusting the plants with Slug Shot.

EGGPLANT

An ounce of seed is enough for 1000 plants.

Culture: Start the seed early March in hotbed or boxes and transplant to open ground when danger of frost has passed. The rows should be three feet apart and plants two feet in the row.

Black Beauty. Produces large, egg-shaped or bulbous fruit of fine color and quality. Has no spines, and is the earliest. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

Early Black King. Plants branching; an early and almost continuous bearing; fruits are smooth, deep purple, medium size. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

St. L. S. Co.'s Improved Oval Spineless. The strong bushes are larger than Black Beauty and keep the "eggs" off the ground better. The large dark purplish black fruits are heavy at the base, narrowing toward the top. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

FENNEL

Florence. One of the finest Italian delicacies. It has an enlarged leaf base which should have soil drawn up around it when it is the size of a hen's egg. Used as a salad or boiled. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.



Green Curled Endive

ENDIVE

One ounce of seed for 50 feet of row; 4 to 5 pounds per acre.

Culture: Sow seed in rows 14 to 20 inches apart, and when well established, thin to one plant per foot. When nearly full grown, blanch by tying the leaves together.

Broad-Leaved Batavian (Escarolle). The broad leaves, twisted and waved, are of bright green with midribs nearly white; the inner leaves form a fairly solid cluster which blanches to creamy white. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Full Heart Batavian. A distinctly improved form of Broad-Leaved Batavian. Plant medium large with deep, full, compact, well blanch heart of infolded broad leaves. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Green Curled. (Green Ribbed.) The leaves of this variety are finely divided, giving a mossy appearance. The center tends to blanch to a delicate white. The plant is hardy and vigorous and especially good for fall and winter use. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Herbs**Sweet, Medicinal and Pot Herbs**

The varieties marked in asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry, wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly, and store them away, which will preserve them for any period.

Anise. An annual herb cultivated principally for its seeds which have a fragrant, agreeable smell and a pleasant taste. Pkt., 10c; oz., 25c.

Basil, Sweet. A hardy, aromatic annual. The seeds and stems have a strong flavor and are used in soups and sauces. Pkt., 10c; ½ oz., 25c.

Borage. A hardy annual used as a pot herb and for bee pasturage. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Caraway (Kummel). A well known herb, cultivated for its seeds. Pkt., 10c; oz., 15c.

Catnip or Catmint. For seasoning. Pkt., 10c.

Chervil, Curled. Used in soup. Pkt., 10c; oz., 25c.

Coriander. A hardy annual cultivated for its seed which has an agreeable taste. Pkt., 10c; oz., 25c.

HERBS—Continued

Dill Mammoth. An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medical properties but its largest use is for making dill pickles. Plant branching, 2 to 3 feet high. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

***Fennel, Sweet.** A hardy perennial. Pkt., 10c; oz., 25c.

***Horehound.** A perennial herb with an aromatic odor and a bitter pungent taste. Pkt., 10c; ½ oz., 25c.

***Lavender.** A hardy perennial, growing about two feet high. Pkt., 10c; ½ oz., 25c.

***Marjoram, Sweet.** The young tender tops and leaves are used green in summer to flavor broths, dressing, etc., and are also dried for winter use. Pkt., 10c; ½ oz., 20c; oz., 35c.

***Rosemary.** The leaves are used for flavoring meats and soups, and for medicinal drinks. Pkt., 10c; oz., 50c.

***Sage.** Used for seasoning. Pkt., 10c; ½ oz., 15c; 1 oz., 25c.

Saffron. Cultivated for its flowers which are used for coloring. Pkt., 10c; ½ oz., 25c.

Savory, Summer. The dried stems, leaves and flowers are used for seasoning. Pkt., 10c; oz., 25c.

Tarragon (Estragon). For flavoring. The young leaves are used for pickles, etc. Pkt., 10c.

***Thyme.** A perennial herb, 8 to 10 inches high, used for seasoning. Pkt., 10c; ½ oz., 30c.

***Woodruff.** Fragrant leaves and stems; used for putting among clothes. Pkt., 10c; ½ oz., 25c.

***Wormwood.** Used medicinally and in liquors; a tonic for poultry. Pkt., 10c; ½ oz., 25c.

KALE

Sow four pounds to the acre; one ounce will sow 100 feet of drill.

Culture: Where climate permits, seed may be sown any time from February to October. The quality is improved rather than injured by frosts if not too heavy.

Double Curled Scotch. Desirable for winter and spring greens. Leaves are curly like Parsley, tender and of very fine flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Dwarf German for Spring. An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

Dwarf German Green Home Grown (for Fall). Largely grown for supplying "greens" during the fall and winter. The plants are hardy. The leaves are very large, deeply curled and fringed. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

Tall Scotch. This variety makes beautiful plants, 2 feet or more in height. Leaves are finely curled and very tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

KOHLRABI

One ounce will sow about 200 feet of drill.

Culture: Seed should be sown in light, rich soil as early in spring as possible in rows 1½ feet apart and when well established thin to 6 inches apart in the row.

Early White Vienna. A standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Early Purple Vienna. Differs from the Early White Vienna in color only. Pkt., 5c; oz., 15c; ¼ lb., 50c.

Leek

Culture: Sow early in spring in drills 12 to 15 inches apart, covering $\frac{1}{4}$ inch deep. Thin plants to 6 inches apart in row and draw the earth about them when cultivating.

London Flag. This well known broad leaved leek is hardy, productive, of good quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00.

Lettuce

One ounce will produce 3,000 plants

Culture: Lettuce seed germinates quickly and may be planted as soon as the cold wet days of spring are past. Sow seed in rows 15 to 18 inches apart, covering not more than $\frac{1}{4}$ inch deep.

For Head Lettuce: The plants should be thinned to 10 inches apart in the row and thorough cultivation given to keep down the weeds and conserve moisture. A light application of fertilizer, such as nitrate of soda, used after the plants have made some growth, will be found very beneficial.

EARLY CURLED VARIETIES

Black Seeded Simpson. Larger and lighter color than Early Curled Simpson. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Chicken Lettuce. Very hardy, rapid growing, medium light green, non-heading butter type which produces an abundance of leaves. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Early Curled Simpson. The standard loose-headed variety. Earlier than the heading sorts. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Grand Rapids. Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Prize Head. Forms a very large loose head, slightly tinged with brown. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

HEADING VARIETIES

Hanson. In every respect an ideal lettuce. It never fails to make large, handsome heads. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Hardy Green Winter. The standard Winter sort. Of delicious flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

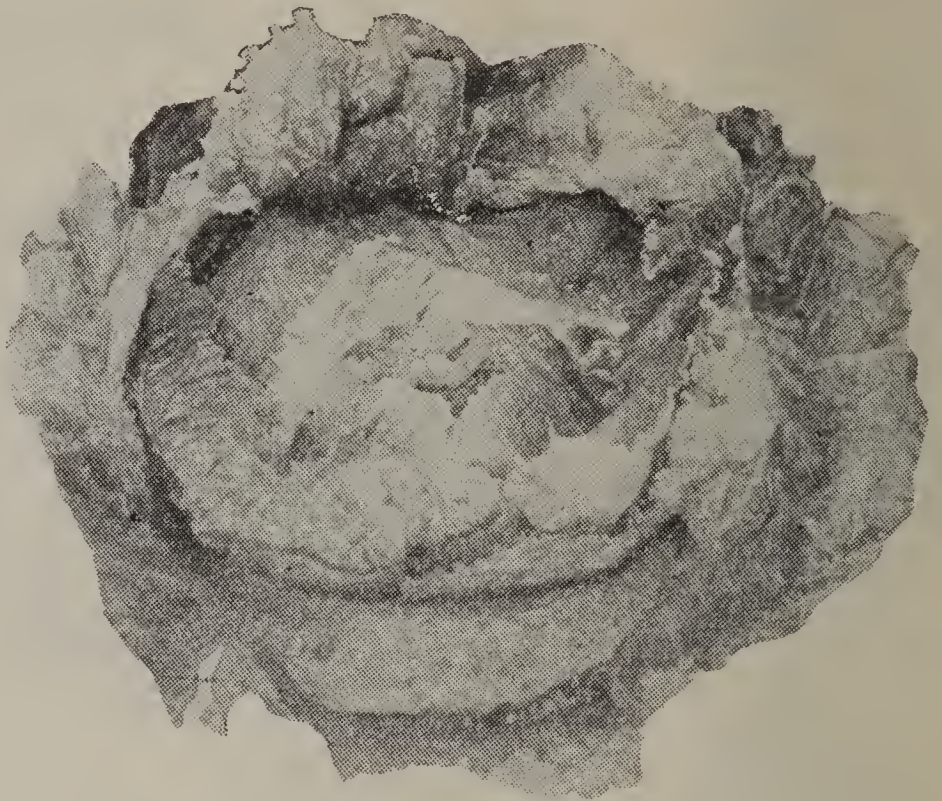
Iceberg. A sure and hard-heading variety. Outer leaves light green, curly, and finely fringed. Hearts are of a beautiful white color, crisp and tender. This is commonly confused with New York, but is really distinct, being much lighter in color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Mammoth Black Seeded Butter. A fine variety for outdoor planting or for cold frames. It produces extra large heads, very compact, of a fine flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

New York. This is a decidedly crisp, cabbage-heading variety. It is very large and robust growing, rooting deeply, resisting hot, dry weather, is slow to run to seed. Its sure-heading quality makes it unsurpassed for spring and summer. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

St. L. S. Co.'s Black Seeded Forcing. The favorite of gardeners who grow for the St. Louis market. Heads are of a medium size, well formed and compact, of excellent quality and fine appearance. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

St. L. S. Co.'s Imp. Butter. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head with but few outside leaves. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.



Iceberg Lettuce

St. L. S. Co.'s Summer. This excellent variety is noted for its extra large and firm heads, and thin leaves of the finest quality. It is a very large, robust-growing variety, and a sure header. May be sown all through the year and stands heat remarkably well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Trianon Cos (Romaine). Head tall and very thick, blunt at top. Leaves are very dark green, crimped, broad-ribbed, and a long narrow spoon shape. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

St. Louis Market. A great favorite among the gardeners for summer sowing. Its large crisp heads have made this a most popular market variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

St. L. S. Co.'s Big Boston. Especially valuable for summer and fall use out-of-doors, or cold frame culture. It is a butter-head type with glossy leaves tinged brown on the margins; forms a firm, well folded head, butter-yellow at the heart and of excellent quality. Pkt., 5c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

St. L. S. Co.'s Big Market Gardener. Whether grown in the open ground for early spring or fall use, or in frames for spring, it invariably gives both the grower and user the utmost satisfaction, producing under ordinarily favorable conditions, splendid heads, packed with crisp, thoroughly blanched leaves. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

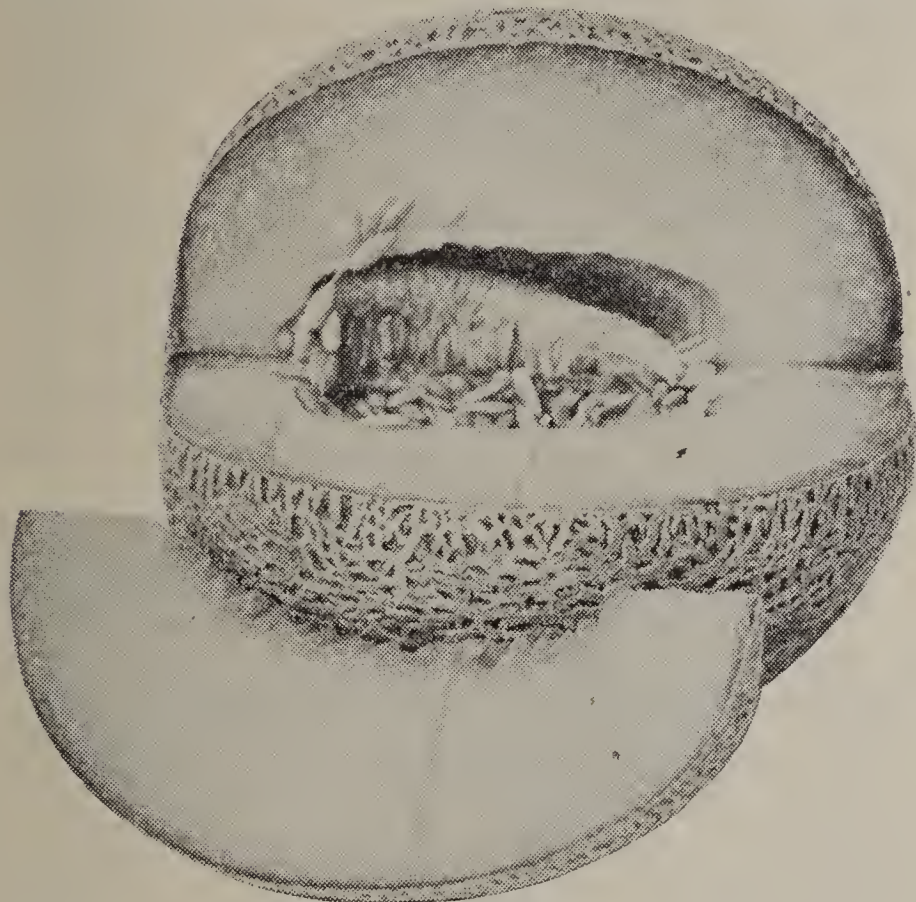


St. L. S. Co.'s Big Market Gardener Lettuce

Muskmelon

Maturing from 80 to 85 days.

Culture: A rich, sandy loam is preferable for muskmelons. Sow 10 or 12 seeds in a hill, the hills being four to six feet apart each way, depending on the vigor of the variety. Cover the seeds with about an inch of soil well firmed down. Thin the plants when they begin to crowd, leaving four of the best plants in each hill. Frequent but shallow cultivation until the runners interfere is necessary. Beetles may be kept off by dusting with Slug Shot.



Hearts of Gold

ORANGE FLESHED VARIETIES

Banana. The flesh is of a rich salmon. It grows from 20 to 28 inches in length and is very prolific. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Burrell's Gem or Defender. This fine melon is popular for home garden growing. The fruits are normally 7 inches long, distinctly oval in shape, slightly ribbed, and closely netted. The thick fine grained flesh is rich yellowish salmon in color and ripens clear to the rind. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Hale's Best. The earliest shipping melon of outstanding merit. Fruits oval, 7 inches long, 5½ inches in diameter, ribbing indistinct; covered with heavy netting. Flesh thick, color salmon orange. Fine flavored. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.

Tip-Top. Good for early or late; having a sweet, juicy, fine flavor, solid flesh. The fruit is of large size, nearly round, evenly ribbed. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Hearts of Gold or Improved Hoodoo. This is an orange fleshed variety of medium size, a desirable midseason sort. The vines are vigorous, blight resisting and very productive. The fruits are nearly round and are of medium size. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Rocky Ford Pink Meat (Pollack No. 10-25). The fruits are uniform in size and shape, with well developed gray netting. The rich salmon flesh is deep, very solid, of a luscious sweet flavor, and ripens clear to the rind. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.

Honey Dew. The skin when ripe is creamy yellow in color. Flesh light emerald green, fine grained and of very sweet, sugary flavor. Rind thin but very firm and the fruits stand shipping remarkably well. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Watermelon

Maturing from 95 to 100 days.

The requirements for raising watermelons are practically the same as for muskmelons except that the vines are more spreading and require considerably more room.

Blue Watson. A distinct variety of Tom Watson. The rind is dark blue-green; the flesh is deep red and very sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

Early Kansas. An exceptionally vigorous grower and heavy producer of unusually fine fruits. Oval in shape, medium size, thin rind, light green with dark irregular stripes. Flesh deep red. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Gilbert's Creation. A large melon. Rind is extremely tough and will stand handling. The flesh is a sparkling red with no white parts. Color, rich green with mottled stripes. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Improved Kleckley's Sweet. This is considered the sweetest of the large melons. Particularly adapted for home garden. Is oblong in shape, about 22 inches long and 12 inches in diameter, weight from 40 to 50 lbs. The thin rind is brittle, dark green in color. The flesh is bright scarlet, very sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

Pride of Muscatine. In commercial areas where wilt is prevalent this melon will prove very valuable. It has a dark green rind. The deep red flesh is sweet, crisp, and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Stone Mountain (or Dixie Belle). Rich dark green in color with scarlet flesh that is exceptionally sweet. Very few seeds are found in this melon which gives one the impression on first opening that it is all heart. The average weight is 45 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.25.

Schochler. Color dark green stripes almost invisible. Flesh dark red, fine flavored. Very large often weighing from 60 to 70 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

Citron. Fruits medium size. Flesh white used for preserves. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

SLUG SHOT

Use Slug Shot by dusting on damp plants to combat the Mexican Bean Beetle, Potato Bug, Cabbage Worm, Slugs, Sow Bugs, Army Worm, Currant Worms, etc. It is the safest, most effective and most economical general purpose insecticide. It is a product proven by over half a century of successful use. Price, 1 lb., 25c; 5-lb. pkg., \$1.00.





Mushrooms

Mushrooms

The necessary cultural directions are published in pamphlet form, a copy of which we shall be pleased to send on request.

We always have a fresh supply of "Pure Culture" Spawn on hand, and you can depend on getting the kind of spawn that will produce large mushrooms. This spawn comes in bricks weighing about 18 to 20 ounces. A brick is sufficient to spawn ten square feet of bed. Per brick, 25c; 5 bricks, \$1.00. If wanted by parcel post add 5 cents a brick for postage.

Pure Culture Bottle Spawn. This spawn is made in glass jars under absolutely sterile conditions, one carton is enough for 40 square feet. Each, \$1.00; 5 for \$4.50.

MUSTARD

One ounce will sow 40 feet of drill.

Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply.

Fordhook Fancy. The plume-like leaves of this variety are closely curled and finely fringed. Medium green color and compact habit of growth. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., \$2.50.

Long Standing Curled. The leaves of this variety are closely curled and finely fringed. A little slower growing than the frilled varieties but longer standing. Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., 65c; 5 lbs., \$2.75.

Southern Giant Curled. The leaves are large, light green with a tinge of yellow, and much crimped and frilled at the edges. The plant is upright or slightly spreading in growth. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., \$2.50.

Okra or Gumbo

The young seed pods are used in soups, stews, catsup, etc. Highly esteemed in the south. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart.

Perkins Mammoth Long Pod. Very productive. Pods of an intense green color. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.

Early Dwarf Green. An extra early maturing variety. Very productive. Plants are more dwarf in habit of growth than those of other varieties. Pods short, deep green. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.

White Velvet. The plants are about three and one-half feet high. The pods are white, long, smooth and are tender until nearly full size. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.

Onion

An ounce will sow 100 feet of drill, four to five pounds to the acre for large onions.

Culture: As early in spring as ground can be worked, sow in rich soil, thoroughly pulverized, in rows 12 to 15 inches apart, covering ⅛-inch deep. When 2 or 3 inches tall, the young plants should be thinned to prevent crowding.

Crystal Wax. An extremely mild onion of the white Bermuda type. Bulbs medium size, flat, flesh white. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Giant Yellow Prize Taker. A very handsome late or main crop onion of the largest size and nearly globular in form, sloping slightly at the shoulder and base. Skin is yellowish brown. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Large Red Globe. This most excellent main crop onion produces medium to large sized perfect globe-shaped bulbs with small neck, smooth and glossy, and of deep purplish red color. One of the best keepers. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Large Red Wethersfield. The bulbs are large and are flattened, yet quite thick. The skin is deep purplish red. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Large White Globe. It is sometimes called Southport White Globe. The variety yields abundantly, producing medium to large, handsome and finely shaped clear white bulbs. Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

Mammoth Silver King (White Granus). Grows very large, flat, but thick through; tender and of a very mild, sweet flavor. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Philadelphia Silverskin. (For pickling). This is a medium sized onion of mild flavor and with beautiful, clear white skin. The variety is a favorite bunching onion, and for pickles. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Riverside Sweet Spanish. A very large globe-shaped, light yellow onion with small top, exceptionally fine. Pkt., 10c; 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

Welsh or Bunching. The earliest and best shaped onion for early bunching; small bulbs, skin pearly white, flesh of good quality and flavor. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

ONION SETS

(By Parcel Post, add 5c a quart postage).

Yellow.....Qt., 15c; gal., 50c; bu., (Write
Red.....Qt., 15c; gal., 50c; bu., for
White.....Qt., 15c; gal., 50c; bu., Price)



Parsley

Parsley succeeds best on rich, mellow soil. The seed is slow in germinating and should be sown as early as possible in the spring, in rows 1 to 2 feet apart, covering not more than $\frac{1}{8}$ inch with fine soil firmly pressed down. When the plants are well up thin 8 to 12 inches apart in the row.

Extra Triple Curled (Moss Curled). One of the most popular varieties owing to the fine deep green color and attractive foliage which resembles moss because of the tightly curled leaves. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

Plain or Single. The leaves are deeply cut, flat, and dark green in color. They are used for flavoring. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

Hamburg Thick Rooted. The root of this variety is edible and resembles a parsnip in shape. It is extensively used for flavoring soups and stews. The roots may be stored in sand for winter use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

Parsnip

As the seed is sometimes slow and uneven in germination, it should be sown as early as possible. Plant in rows two and one-half feet apart; cover $\frac{1}{4}$ inch deep.

Hollow Crown. This is the most popular and best variety in cultivation. The skin is smooth and the flesh tender. It is sweet and increased in value by moderate freezing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 75c; 5 lbs., \$3.25.

Pepper

Culture: Sow seed in hotbed in March. After danger of frost is past, transplant into open ground, in rows two to three feet apart and 18 inches apart in the rows. An ounce will produce about 1500 plants.

California Wonder. Thickness of flesh alone, which is often $\frac{3}{8}$ of an inch, places this sweet pepper above all others. It is crisp and juicy, too. Vigorous growing plants bear a heavy yield of blocky fruits that become as much as 5 inches long and 4 inches wide. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50.

Chinese Giant. For size, this variety produces prize fruits. They are often 6 inches across and $4\frac{1}{2}$ to 5 inches deep. The flesh is moderately thick and very mild. The fruits are bright green when young and bright cherry-red at maturity. Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 45c; $\frac{1}{4}$ lb., \$1.50.

Crimson King. Fruits 5 to 6 inches long and 3 inches in diameter. Color bright green, turning to red as they mature. Flesh thick and mild in flavor. Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 45c; $\frac{1}{4}$ lb., \$1.50.

Hungarian Yellow Wax. This large fruited, early, hot pepper is highly esteemed for canning. The plants produce a fine crop of fruits 6 to 7 inches long and 2 inches in diameter. They are waxy light yellow at first but change to orange and then to bright red when fully ripe. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.25.

PEPPER—Continued

Pimiento. The shape is distinctly conical, medium size. Color, when young, a glossy green turning ruby red when ripe. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Sweet Bell or Bull Nose. An early sweet pepper. Large bright, red, thick flesh. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 30c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

World Beater. Fruits are excellent in quality. Flavor mild. Flesh thick, crisp and juicy. Color medium dark green, mostly four lobed. Plants large and branching. A heavy producer. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

HOT—Small Fruited Varieties

Long Red Cayenne. The fruit is 4 inches long and 1 inch thick, twisted and pointed. The flesh is strong and pungent. Recommended for drying. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Red Chili. Bright red when ripe and are very hot or pungent. They are much used for making pepper sauce. Pkt., 10c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c.



Pimiento Pepper



Have Every Feature You Want
in a Garden Glove

All-Leather—DIRT PROOF—Durable
SOFT — Comfortable — WASHABLE

Easy on the hands and easy to wear!

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, 75 cents a pair, postpaid (2 pr. \$1.40.)

Garden Peas

Culture: Sow in earliest spring, in rows 2 to 3 feet apart, drilling the seed 1 to 2 inches deep. The taller varieties may be sown in double rows 12 inches apart and supported with brush. One pound is enough for 100 feet of row; 2 bushels per acre. A bushel of smooth peas weighs 60 pounds; wrinkled peas, 56 pounds.

Alaska. Pods slightly more than 2½ inches long, straight, blunt and of pale green color. A very popular pea among canners. Vine about 30 inches high. Matures in about 56 days. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 90c.

American Wonder. The old popular favorite among all who grow peas. The small, dwarf bushes are heavily laden with peas of the finest quality. Maturing 60 days. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Gradus. An early, wrinkled pea. Of medium height, about 3½ feet. The pods are 4 inches long, uniform, well shaped. Maturing in 56 days. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Laxtonian. Dwarf large-podded peas. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. The seeds are large, wrinkled, green and cream in color. Maturing in 58 days. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Laxton's Progress. The pods are large, 4 to 4½ inches long, and of a fine dark green color. Vines grow only 18 to 20 inches high, and bear a heavy crop of handsome pods. One of the best of the wrinkled sorts. Matures in about 53 to 60 days. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Little Marvel. As a main crop this is the most desirable dwarf variety. The dark green vines, 18 to 20 inches tall, grow vigorously and are laden with pods 3 inches long. Seeds are wrinkled, and green in color. Maturing 58 days. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Mammoth Pod Ex. Early. This is without question the best extra early pea for market gardeners. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Height, 3 feet. Maturing in 60 days. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.10.

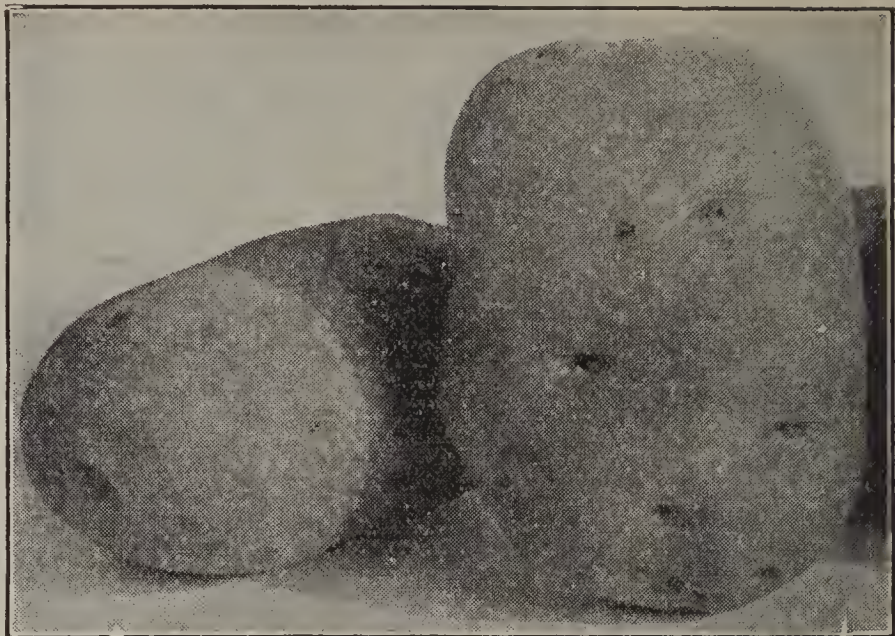
EDIBLE PODDED SORTS

Tall Melting Sugar. Excellent when cooked like string beans. The vines are very tall, reaching a height of 5 and 6 feet. The pods are over 4 inches long. 70 days. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.10.

Dwarf Gray Sugar. Vines about 2 feet high. Matures in about 60 to 65 days. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.10.

PRICES ON PEAS Delivery Charges Extra.

	10 lbs.	25 lbs.	100 lbs.
Mammoth Pod.			
Extra early	\$1.60	\$3.75	\$14.00
Alaska	1.20	2.75	10.00
American Wonder	1.50	3.50	13.00
Little Marvel	1.50	3.50	13.00
Gradus	1.50	3.50	13.00
Laxton's Progress	1.50	3.50	13.00
Laxtonian	1.50	3.50	13.00



Potato Irish Cobbler

Peanuts

Culture: Peanuts can be grown in any part of the country, and in any soil that will grow corn or cotton. A light soil is the best. Sow in May or June, spacing the seeds 8 to 10 inches and the rows 2½ to 3 feet. Do not cultivate after the vines have begun to spread.

Improved Large Jumbo. Pods usually contain 2 large peanuts. 1 lb., 25c; 5 lbs., \$1.00.

Seed Potatoes—Northern Grown

Prices are subject to change on all potatoes.
Shipping charges to be paid by purchaser.

Culture: Any good, well drained, fibrous loam will produce potatoes under right climatic conditions. For early potatoes the soil should be particularly rich.

Bliss Red Triumph. Color, a beautiful light red. Size, medium. Growth very uniform. Shape, nearly round. 10 lbs., 40c; for larger quantities, write for price.

Early Ohio (Red River). Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety. 10 lbs., 40c; for larger quantities, write for price.

Irish Cobbler. This has become one of the general favorites in all localities for early as well as late planting. 10 lbs., 40c; for larger quantities, write for price.

Rural New Yorker. It is very large, usually smooth, oblong, and rather flattened. Flesh white; quality excellent. 10 lbs., 35c; for larger quantities, write for price.

DUPONT SEMESAN BEL POTATO DISINFECTANT

2c a Bushel Now Pays for Easy Dip Treatment of
Seed Potatoes with New Improved

SEMESAN BEL

It is easily and quickly applied. Just mix one pound of Improved Semesan Bel with 7½ gallons of water, dip your seed potatoes, drain, and plant. One pound of New Improved Semesan Bel treats 60-80 bushels of seed potatoes. Price: 4 oz., 50c; 1 lb., \$1.65; 5 lbs., \$7.00. By mail add postage.

Place potatoes in a wire basket (one can easily be made from one-inch mesh chicken wire) or any similar open side container and simply dip it with its load of seed into the Semesan Bel mixture until all seeds are completely covered. Then remove immediately allowing the excess liquor to drain back into the treating tub. The seed pieces may be planted right after this treatment or else dried for future planting.

Ask for Semesan Bel Potato Booklet.

Pumpkin

One ounce will plant about 25 hills; 4 lbs. will plant an acre.

Culture: After danger of frost is over plant the seed in hills 8 to 10 feet apart each way. If planted with corn two or three seeds 15 feet apart each way will be sufficient.

Connecticut Field. This sort is grown largely in the cornfield for stock, but the flesh is moderately fine grained. Color, a rich deep orange-yellow. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 55c; 10 lbs., \$4.50.

Japanese Pie. A crookneck variety. Skin deep green with dark stripes, turning to a rich golden yellow. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Kentucky Field or Cheese. Standard large pumpkin for canning and for stock feed. Fruits very large, flattened; furrowed, skin creamy buff, flesh extremely thick, deep salmon-yellow, and of good quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., \$4.00.

Mammoth King or Potiron. The best large pumpkin in use. Forms immense globular shape, flattened a little at the end. Skin reddish yellow in color and flesh rich orange. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Small Sugar. This variety is small, but of most excellent quality for pies. The fruits are deep orange, round or somewhat flattened and slightly ribbed. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Tennessee Sweet Potato. A good variety for making pies and other cooking purposes. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Radishes

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.



Scarlet Turnip White Tip (Sparkler).

THE EARLIEST ROUND SORTS

Fire Ball. It is a "Fire Ball" both in growth and appearance and matures in 21 days from the time of germination. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Philadelphia White Box. The best of the white globe-shaped radishes. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

RADISHES—Continued.

St. L. S. Co.'s Crimson Giant. It is round, bright crimson, attaining a maximum size before becoming pithy, of one and three-quarter inches long by one and one-quarter inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.

Scarlet Globe (Selected Stock). The interior of the root is pure white, mild, crisp and fine grained. Its season is rather short, and it must be pulled reasonably soon after maturity. Recommended for the market garden or for greenhouse forcing. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.

Scarlet Turnip White Tip (Sparkler). A very attractive radish of a rich, carmine-scarlet color and tipped white. It is invaluable for forcing or for open air growing. Its flavor is excellent and its qualities have made it stand out above the ordinary varieties for market growing. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.

EARLY OVAL AND LONG SORTS

French Breakfast. A rapid grower. Oblong shape, color bright scarlet, tipped white. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Icicle. A magnificent white variety. Grows 3½ to 4 inches long. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.

Long Scarlet Short Top. This is a well known sort with long, bright scarlet roots 6 or 7 inches long, with small top. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.

White Strassburg. The roots are rather thick at the shoulder and are usually somewhat tapering. This is one of the best large, white later sorts. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.

WINTER RADISHES

Culture: Generally sown around July 1st, the same as turnips. The Chinese type develops most rapidly, while the Spanish sorts require about 3 months to reach full size.

Long Black Spanish. 8 to 9 inches long, and 2½ to 3 inches thick at the top, black skin with white flesh. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

Rose Colored China. Root long, of a fine scarlet color. Extremely solid and a most excellent keeping variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

Round Black Spanish. Good specimens are almost round and measure 3 to 4 inches through. Skin black, flesh white. A fine keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

White Spanish. Very solid and tender. The best white radish for late fall planting. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

PRICE OF RADISHES

Delivery Charges Extra.

	10 lbs. or over per lb.
Scarlet Turnip White Tip (Sparkler)...	\$0.40
Scarlet Globe .....	.40
Fire Ball .....	.50
Philadelphia White Box.....	.50
Crimson Giant .....	.60
French Breakfast .....	.50
Long Scarlet Short Top.....	.50
Icicle .....	.50
White Strassburg .....	.40
Winter Varieties .....	.60

RHUBARB

(Pie Plant)

One ounce will sow 125 feet of row.

Rhubarb, also known as Pie Plant, is the earliest spring vegetable and is grown for its leaf stalks which are extensively used for pies and sauce.

Culture: Rhubarb succeeds best in deep, somewhat retentive soil and the richer this is and the deeper it is stirred, the better. Sow in drills an inch deep and thin out the plants to 6 inches apart. In the fall transplant, setting them 3 feet apart each way and give a dressing of coarse manure every spring. Stalks should not be plucked until the second year. When a blossom appears, it should be cut back well into the ground and the plant never allowed to exhaust itself by running to seed.

Myatt's Victoria. A splendid early sort. Stalks are large, very thick, of rich red color, and almost stringless. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

RHUBARB ROOTS

Strong roots, 2 years old, which, if planted in good soil early in the spring, will make a strong growth and yield stalks the following spring.

Selected roots, 15c each; \$1.50 per doz. By Parcel Post, add postage, 5c each; 25c per doz. for postage.

SALSIFY OR OYSTER PLANT

One ounce will sow 50 feet of drill.

How to Grow Salsify: Sow early in the spring in drills 15 inches apart, ½ inch deep; thin to 6 inches in rows. Cultivate the same as carrots or parsnips. It is hardy; can remain in the ground all winter for early spring use, but should be taken up before growth starts; take up a supply for use during the winter before ground freezes. Succeeds best in light, well-enriched, mellow soil.

Mammoth Sandwich Island. The best variety. Grows to a large size and is very mild and delicately flavored. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.



Spinach Giant Leaved Nobel

Spinach

Culture: Sow early in spring in rows 1 foot apart, cover seed ½ inch. Plantings may be continued until May 15th. Sowing may be made again in September.

Blight Resistant Savoy. This is the strain developed by the Virginia Experiment Station for resistance to "yellows", blight or mosaic. It is a pure Savoy type, but will run to seed quickly in warm weather. For this reason it is used almost altogether for fall sowing. Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c.

Bloomsdale Long Standing. It resembles the old Savoy, but is more compact in growth and a darker green color. Grows a little slower than Reselected Savoy, but will stay in condition for cutting two weeks longer. Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c.

Bloomsdale Savoy-Leaved Reselected (Dark Green). A distinct improvement over the old standard Bloomsdale Savoy, in that it is very early and of better color, blistered and free from pointed leaves. This variety is also used very largely for fall sowing. Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c.

Giant Leaved Nobel. It is the best of the so-called smooth-leaved types. The leaves are thick, rather smooth, rounded, and of great size. Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c.

New Zealand. This variety endures heat and drought; excellent for summer; leaves small and thick. A heavy yielder, growing upright. One sowing can be picked from throughout the entire summer. Germination will be improved by soaking seed in water for 12 hours. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.

PRICES ON SPINACH

Delivery Charges Extra

	10 lbs.	25 lbs.	100 lbs.
Bloomsdale Savoy	\$1.50	\$3.50	\$14.00
Long Standing Bloomsdale	1.60	3.75	15.00
Giant Leaved Nobel.....	1.60	3.75	15.00
Virginia Blight Res.....	1.60	3.75	15.00
New Zealand	5.00		

Sorrel

The improved varieties of sorrel when well grown and cooked like spinach make a palatable dish. Sow in rows early in the spring and thin the seedlings to 6 or 8 inches apart in the row. One may begin cutting in about 2 months and the plants will continue in full bearing from 3 to 4 years.

Large Leaved French. The best garden variety, having large, pale green leaves of fine quality. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Squash

One ounce will plant 20 hills; 2 to 3 lbs., an acre.

Culture: As Squash plants are very tender and sensitive to cold, plantings must not be made until settled warm weather, about May 5th. Summer varieties should be planted in hills 4 to 6 feet apart each way, winter varieties 8 to 10 feet apart each way.

Cocozelle. This bush variety, sometimes called "Italian Vegetable Marrow," produces oblong squashes often a foot in length, handsomely mottled, dark and light green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

Cucuzzi Caravazzi. Fruits light green, 2 to 3 feet long, 3 inches in diameter. Also called Italian bean. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$2.90.

Giant Summer Straightneck. The convenient straight shape of this Squash makes it superior to the old Crookneck. Color yellow, large size, warty. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

Hubbard. The most extensively grown winter squash. The 12 or 14 pound fruits are spherical in shape, very dark green and somewhat warted. Keeps perfectly all winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

Mammoth White Scallop Bush. The plant is strictly bush in habit and bears creamy white patty-shaped fruits which are symmetrically scalloped. The flesh is milk-white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

Table Queen or Des Moines. Because of convenience for baking and serving in halves, this little squash has gained great popularity. It weighs only about $1\frac{1}{2}$ pounds and is acorn-shaped, deeply furrowed, and dark green on the outside. The flesh is rich yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Yellow Summer Crookneck. Valuable for early crop. The best and richest summer bush squash; skin bright yellow and warty. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.



Hubbard Squash



Master Marglobe Tomato

Tomato

One ounce will produce about 1,000 plants.

Culture: The tomato flourishes best in warm, light soil, moderately rich. For early use sow $\frac{1}{8}$ of an inch deep in January or February in a hotbed, or if only a few plants are wanted, they may be sown in a window box. In order to get the plants strong and stocky, they should be transplanted when 2 to 3 inches high, and a second transplanting later on will add greatly to their stockiness. When all danger of frost has passed, set out in the open ground in rows 3 feet apart and 2 feet between the plants.

Bonny Best. One of the most prolific of the early tomatoes. Medium size, solid, bright red. 95 days. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Break o' Day. Wilt resistant. Vines vigorous and very productive. An early scarlet fruited variety. Medium to large size and globe-shaped. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

Early Detroit. The largest and best of the early purplish pink tomatoes. Fruits very smooth, uniform in size, nearly globe-shaped. 90 days. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.25.

Golden Ponderosa. Growth, size and shape similar to regular Ponderosa (yellow fruit). Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 45c.

Gulf State Market. Particularly valuable for shipping. Fruits purplish pink; large and of uniform size; globe-shaped; smooth and firm. 95 days. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Livingston Globe. A large purplish pink, globe-shaped or very nearly round tomato of excellent quality. 110 days. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Mammoth Large Red. One of the largest smooth, round, red tomatoes. Clear, bright red color. 120 days. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.00.

Marvelous (Marhio). A fine new pink, main crop variety, being the same size and shape as Red Marglobe and having its wilt-resisting qualities. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.

Master Marglobe. Fruits are uniformly deep globe shape. Its most distinguished feature is the unusual interior solidity. The cross sectors are so heavy that the seed cavities are reduced to a minimum. Days to maturity, 120. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.90.

Tomatoes—Continued

Marglobe. Of fine appearance, and great productiveness. In color it is a most beautiful scarlet, ripening well up to the stem. The "Marglobe" has proven resistant to wilt. 110 days. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25; 1 lb., \$4.00.

Ox Heart. A late large fruited variety of distinct appearance and perfect quality. Heart-shaped, rosy pink, and very solid fleshed, with few seeds. Mildly acid and of pleasing flavor. 90 days. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.90.

Ponderosa (also known as Beefsteak). One of the best for home use. Fruits deep purplish pink; extremely large, commonly 9 to 12 ounces each; deep but flat; very fleshy with few seeds. 100 days. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.90.

St. L. S. Co.'s Improved Excelsior. Is of a dark, glossy, purplish red, very large and very solid. This fruit is produced in clusters of four to six, is large and of perfect shape and retains this size until late in the season. 105 days. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

Turnips

One ounce will sow 200 feet of drill; one to two lbs. for an acre.

Culture: For early seeding sow flat varieties in open ground in early spring in drills one foot or more apart, using seed sparingly. Thin to 6 or 8 inches apart. For fall and winter sow in July and August.

Amber Globe. Is the staple yellow turnip both for table and for feeding stock. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.

Extra Early Purple Top Milan. Tops small. Roots flat. Purplish-red above, white below. Pkt., 5c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., \$2.50.

Purple Top White Globe. Roots globular, smooth; bright purplish-red above, white below. Flesh white, firm, fine grained and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 10 lbs., \$4.00.

Purple Top Flat Strap Leaf. The leaves are upright in growth. The roots are flat, of medium size, purple or dark red above ground, white below. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 10 lbs., \$4.00.

Seven Top, for Turnip Greens. A foliage turnip for table and forage use. Crown sends up numerous leafy shoots which are excellent for greens. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.

Shogoin or Japanese. An extremely useful sort. It is quick growing and supplies large edible strap leaves as well as smooth globular roots of superior quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.

White Globe. Globe-shaped roots. A very good autumn variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.

RUTABAGA

Culture: Same as for other turnips, except that the seed is generally sown from the latter part of July and August.

American Purple Top. A hardy productive variety; roots are large, globular in form, with a very small tap root; color, bright yellow with a purple top; flesh yellow. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50.

Stone. The fruits are bright deep scarlet, oval and very deep, exceptionally smooth and uniform in size. 110 days. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.25.

Scarlet Topper. Wilt resistant, of the type of plant known as self-topping or self-pruning. Midseason to late and a heavy cropper. Fruits globe-shaped, deep scarlet, smooth, and solid. 95 days. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

VIGORO

Specially prepared plant foods

PICKLING OR PRESERVING VARIETIES

Red Pear. Used for preserving.

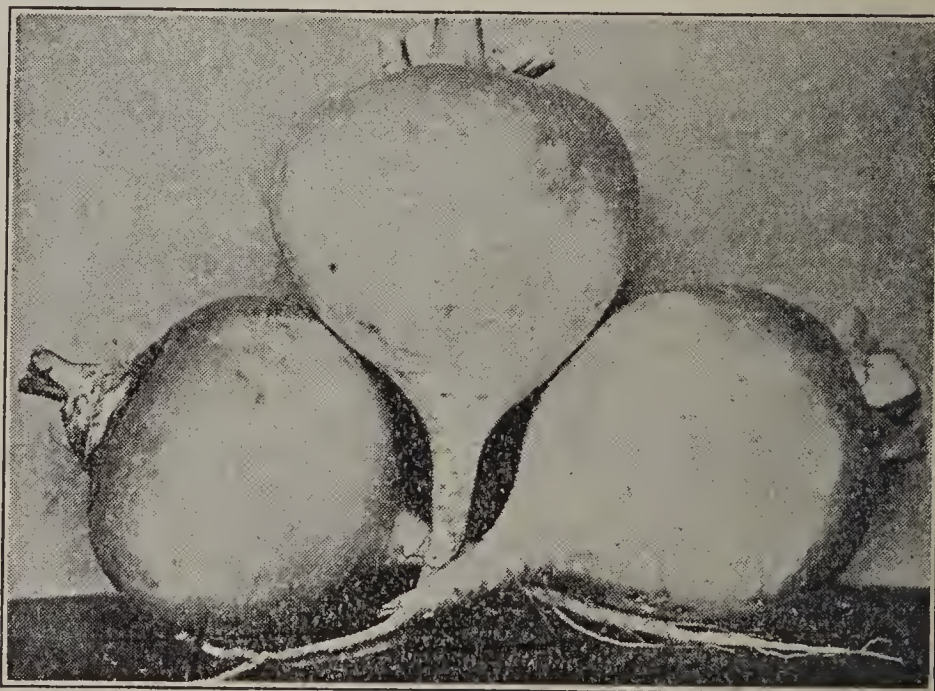
Red Cherry. Used for preserving and pickling. Fruit small round and deep red.

Yellow Husk or Ground Cherry. Small yellow fruits enclosed in papery husk.

Yellow Plum. Fruits plum-shaped, clear yellow color.

Yellow Pear. Pear-shaped fruits of deep, clear yellow color.

All Pickling or Preserving varieties. Pkt., 10c; ½ oz., 25c; oz., 45c.



Purple Top White Globe Turnip

Tobacco

Culture: The seed should be sown as early as possible after danger of frost is over. When the plants are about 6 inches high, transplant into rows 4 by 4 feet apart each way. Cultivate thoroughly.

Missouri Broad Leaf. Very productive. Pkt., 10c; ½ oz., 20c; 1 oz., 35c.

White Burley. The main crop variety. Pkt., 10c; ½ oz., 20c; 1 oz., 35c.

Havana. The leading smoking variety. Pkt., 10c; ½ oz., 20c; 1 oz., 35c.

St. Louis Seed Co.'s Selected Seed Corn

Write for prices in larger quantities. Postage extra. Extra charge for bags; 1 bu. cotton, 15c; seamless bags, 25c.

GRADED SEED CORN

We carefully grade all seed corn which we send out, removing the extreme tip and butt kernels so that it is readily planted with edge-dropping planters.

Boone County White. (120 days.) A splendid corn. Ears 9 to 12 inches long, 18 to 24 rows of kernels, medium size white cob. 5 lbs., 35c.

Champion Early White Pearl. (90 days.) This is the earliest white Dent corn. Grown by gardeners for roasting ears. It is an immense yielding variety. 5 lbs., 35c.

Gold Bond. Medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row. 5 lbs., 35c.

Recleaned Farm Seeds

Bags extra at cost. Seamless, 25c each.

All Prices on Field Seeds Are Subject to Market Changes. All Orders Filled to the Amount of Remittance at Market Prices When Orders Are Received.

By mail, add postage.

Alfalfa	1 lb.	100 lbs.	
Kansas Extra Fine.....	\$0.40		Write
Northwestern (Utah) .....	.40		for
Grimm (Red Seal).....	.45		Price
Grimm (Blue Seal).....	.45		

Sweet Clover	1 lb.	100 lbs.	
White Blossom, Scarified.....	\$0.25		
Yellow Blossom, Scarified.....	.25		

Red Clover			
Fancy, Recleaned .....	.45		Write
Imported, Fancy .....	.40		for
Mammoth Sapling .....	.30		Price

Alsike or Sewish		
Fancy Recleaned.....	.35	

Lespedeza		
Sericea .....	.25	
Korean .....	.15	

White Clover		
White or Dutch.....	.50	

Crimson Clover		
Fancy Recleaned .....	.25	

GRASSES

	1 lb.	100 lbs.
Pasture Mixture		\$20.00
Sudan Grass.....	\$0.10	

Iowa Silver Mine. (100 days.) Is one of the best known sorts on account of its great popularity and wonderful record. Stalks grow 8 to 10 feet in height and ears set well down toward the ground. 5 lbs., 35c.

Pride of the North. (90 days.) The great favorite of the extreme Northern States and a most useful variety where a late planting is necessary. The ears run from 7 to 9 inches long, with small cob and deep kernels. 5 lbs., 35c.

Reid's Yellow Dent. The Most Popular Yellow Dent Corn in the Great Central Corn Belt. (110 days.) One of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob. 5 lbs., 35c.

St. L. S. Co.'s White Star. (110 days.) This wonderful white Dent corn is known, grown and more extensively planted than any white corn. 5 lbs., 35c.

St. Charles White, Red Cob. (120 days.) It is a very handsome white corn, set on a red cob and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels. 5 lbs., 35c.

Pop Corn	1 lb.	10 lbs.
Golden	\$0.25	\$2.00
Japanese Hulless .....	.25	2.00

Cowpeas	1 lb.	Bu.
Whippoorwill	\$0.10	
New Era .....	.10	
Fancy Mixed .....	.10	

Soy Beans		Write
Manchu (Early Yellow).....	.10	for
Virginia (Early Brown).....	.10	Price
Illini (Imp. Virginia).....	.10	
Mixed, fine for Hay.....	.10	

Oats		
Fulghum .....	.05	
Early White .....	.05	

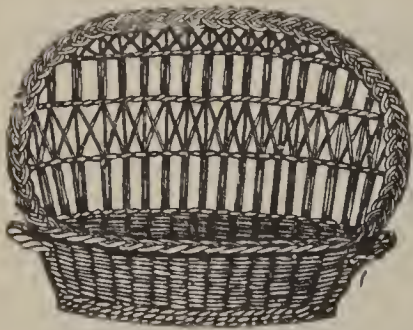
Seed Rye		
Rye, Recleaned.....	.05	

Millet	1 lb.	100 lbs.
German, Fancy	\$0.10	

Rape		Write
Dwarf Essex .....	.15	for
		Price

Vetches		
Hairy Vetch .....	.25	

Miscellaneous	1 lb.	100 lbs.	
Barley	\$0.10		
Buckwheat .....	.10		
Broom Corn .....	.20		
Cane, Amber Fodder.....	.10		
Cane, Orange Fodder.....	.10		
Canada Peas .....	.10		
Flax .....	.15		
Grohoma .....	.15		Write
Kaffir, White .....	.10		for
Hegeri .....	.10		Price
Hemp .....	.10		
Peanuts, Large Jumbo.....	.25		
Sunflower, Russian .....	.15		
Millet—large yellow .....	.10		
Milo Maize .....	.10		



WILLOW SLEEPING BASKETS

For Dogs and Cats. Keeps Them from Sleeping on Beds, Chairs, etc.

	Long	Wide	Price
No. 1—Tiny	16 in.	11 in.	\$1.75
No. 2—Small	17 in.	12 in.	2.25
No. 3—Medium	19 in.	13 in.	2.75
No. 4—Large	22 in.	14 in.	3.25
No. 5—Extra Large	24 in.	16 in.	3.75

DOG-CARRYING BASKET

Made of French imported willow ware, Light in weight. These baskets have a door in the side and are ideal for carrying a dog. Made in three sizes.

	Long	Wide	High	Price
No. 1.....	17 in.	10½ in.	10 in.	\$3.00
No. 2.....	19 in.	13 in.	11 in.	4.25
No. 3.....	22½ in.	15 in.	14 in.	5.50

"ACME THUNDERER" WHISTLE

We believe that the "Acme Thunderer" is the best whistle made. It is very loud and is easy to blow.

Small whistle	\$.50
Medium whistle .....	.65
Large whistle .....	.75
De Luxe whistle.....	.90
Acmeoid (Bakelite) .....	.35
Buffalo horn whistle, postpaid.	.40
Dog head horn whistle, postpaid .....	.40



PLAYTHINGS FOR YOUR DOG

Spratt's Sorbo Ball. A rubber ball of great toughness. Excellent for retrieving, spongy center will not hurt dog's teeth. Price, 40c, postpaid.

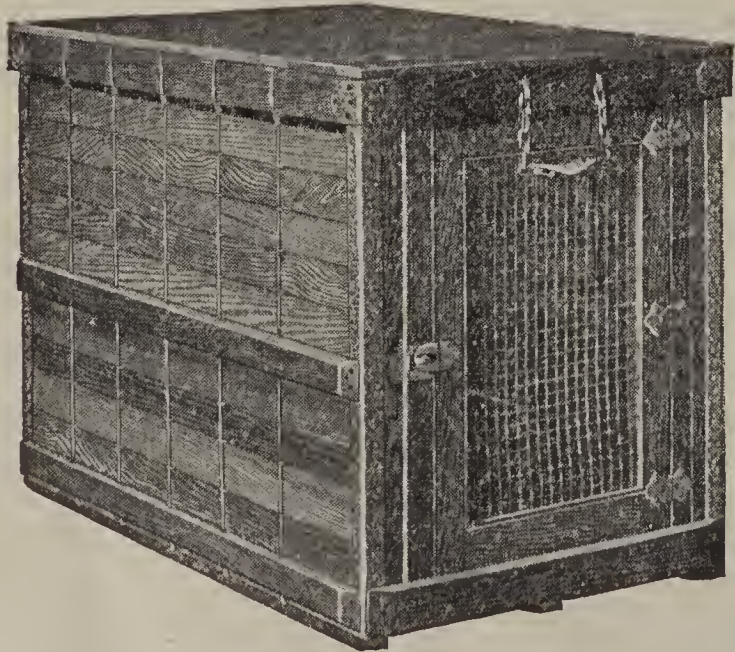
Rubber Bone. An exact imitation of a bone, made of rubber. Excellent for teething pups or for retrieving. Price, 10c postpaid.

Sani-Bone. A real smooth bone, boiled in salts and oil to give it additional toughness. Appreciated by all dogs. Price, 50c, postpaid.

Large Katnips. Shaped like a cat-head. Made of tough rubber. Has whistle inside. A most interesting plaything. Price, 65c, postpaid.

Small Katnips. Price, 40c, postpaid.

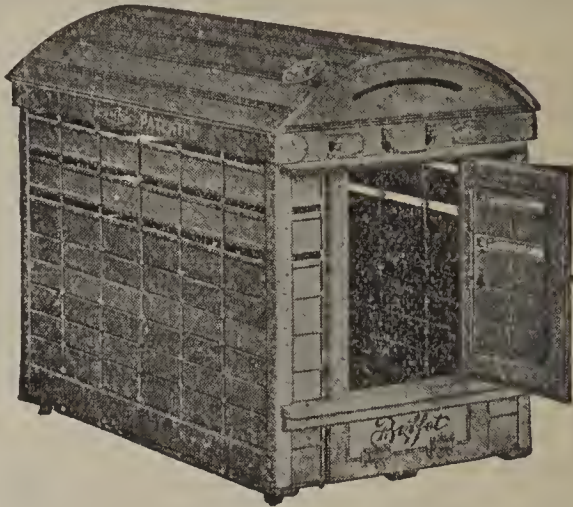
BACKUS UTILITY DOG SHIPPING CRATE



Corners are ironed and riveted and will not pull apart. Heavy iron mesh in door and opening in back for ventilation. Light in weight and stands the roughest usage.

Inside Measurements			
	Long-wide-high	Weight	Price
No. 91.....	24 x 16 x 18	24 lbs.	\$10.00
No. 92.....	30 x 18 x 22	37 lbs.	11.50
No. 93.....	36 x 22 x 26	47 lbs.	12.50
No. 94.....	42 x 24 x 32	60 lbs.	17.50

BACKUS PULLMAN CRATE



For Shipping Dogs with Greatest Possible Convenience, Comfort, and Luxury—Handsome Dog Crate Made.

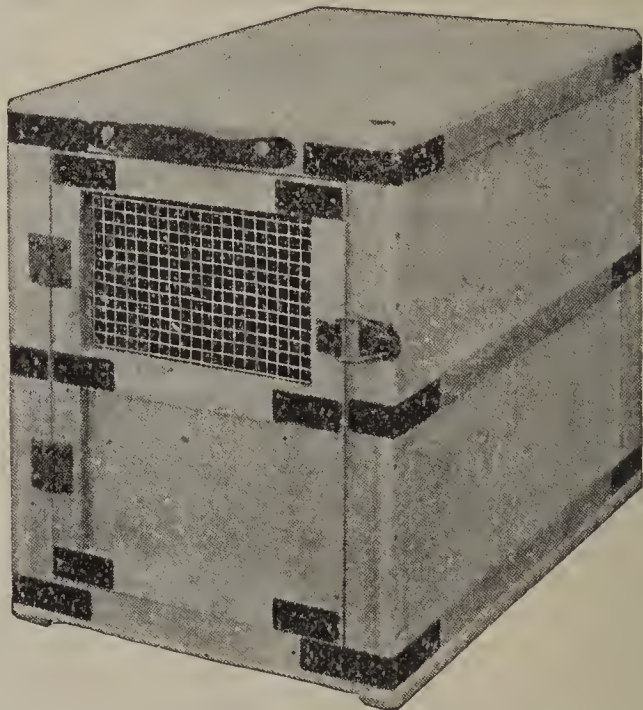
Inside Measurements			
	Long-wide-high	Weight	Price
No. 1.....	24 x 16 x 18	30 lbs.	\$27.50
No. 2.....	30 x 19 x 22	37 lbs.	28.50
No. 3.....	36 x 22 x 26	56 lbs.	29.50
No. 4.....	42 x 24 x 32	73 lbs.	36.50
No. 6.....	33 x 26 x 28	62 lbs.	34.50

"HUNTER STYLE"

Made only in one size for Setter or Pointer dog. Place for dog measures inside, 36 in. long, 21 in. wide, 26 in. high. Compartment on top measures inside, 33 in. long, 21 in. wide, 6 in. high.

Each\$30.00

ANDERSON NO DRAUGHT DOG CRATE

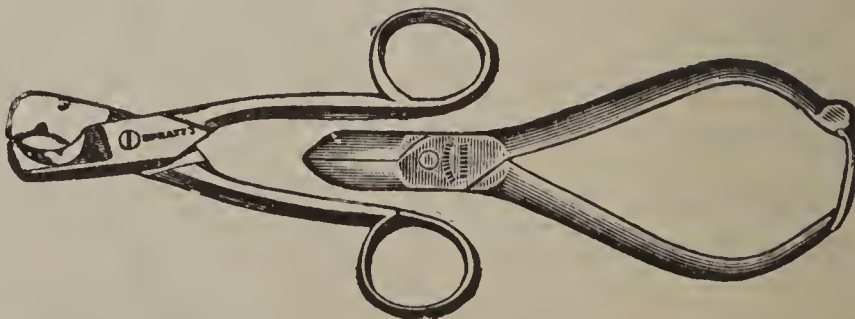


A high-grade waterproof dog carrier with all the trimmings. Equipped with drinking cup. Strong, yet very light in weight, saving express charges. Will pay for itself on express charges saved. Look at these reasonable prices.

Inside Measurements			
	Long-Wide-High	Wt.	Price
No. 1—For Wires, Scotties, Welsh.....	24 x 16 x 20	22 lbs.	\$5.50
No. 2—For Airedales, etc.....	26 x 20 x 24	30 lbs.	6.00
No. 3—For Collies, etc.....	36 x 19 x 26	38 lbs.	6.75
No. 4—For large breeds.....	38 x 22 x 30	48 lbs.	7.25

All orders shipped via express unless otherwise specified.

NICKEL-PLATED NAIL NIPPERS (As illustrated)



No. 665. Domestic.....	\$1.50
Spratt's Nail Nippers, No. 4.....	2.00
Duplex Nail Nipper.....	2.00

COMBS

Best Nickel-Plated Steel Combs (Imported)



7 inches long

No. 1. Coarse teeth	\$1.60
No. 2. Medium teeth	1.60
No. 3. Coarse and fine teeth.....	1.60
No. X. Very coarse	1.60

These are suitable for Collies, Setters, etc.



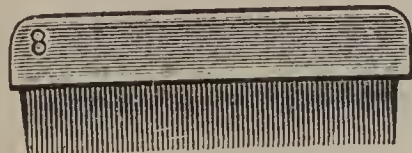
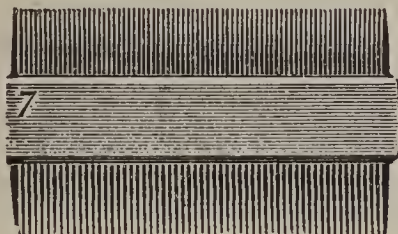
4 inches long

No. 4. Coarse	\$1.00
No. 5. Medium	1.00
No. 6. Fine	1.25
No. 0. Flea comb	1.25

These are suitable for Terriers, Spaniels, etc.

No. 6 is the celebrated flea comb used on cats and dogs, recommended by leading breeders.

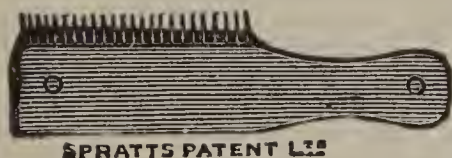
- No. 7. Nit comb, double row teeth, one side fine teeth, other side very fine..\$1.50



- No. 8. Tiny comb. Very fine teeth.....\$1.00
No. S. Flea comb. Long teeth..... 1.25

Note: We can recommend Nos. 7 and 8 as being most effective for ridding short-haired cats and dogs of fleas.

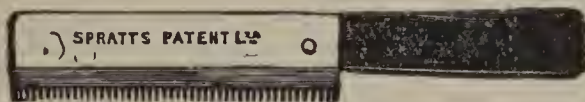
Solid Steel Stripping Comb No. 9



- No. 9. Solid steel stripping comb for Terriers, etc.
Each\$0.85

- No. 14. Stripping comb, same as No. 9, but has teeth on two sides, with leather case..... 1.25

Solid Steel Stripping Comb with Horn Handle No. 10



Very fine short teeth, most suitable for combing Fox and Irish Terriers. Each\$1.50

Combination Pocket Terrier Stripping Comb and Knife

This combination stripping comb surpasses anything introduced for kennel convenience where rough or wire haired dogs are cared for. As illustrated.

Each\$1.75



Stripping Combs

Taylor Adjustable, Single.....	\$1.75
Taylor Adjustable, Double.....	2.00
No. 11. Folding.....	1.60

Nickel-Plated Steel Flea Comb with Wood Handle



- No. 6A. Each.....\$1.75

Imported Steel Comb No. 9X

(Nickel-plated), with handle, for rough-coated dogs...\$1.25

BRUSHES

Special Brush for Toy Dogs and Cats



An imported brush for Yorkshire Terriers and silky-coated toy Dogs and Cats. Made from the best Russian bristles. Will last for years.

- No. 58A. White Bristle, as illustrated.....\$3.25
No. 59B. Black Bristle, as illustrated..... 2.25
No. 62. White Bristle, as illustrated..... 2.00
No. 59A. Yellow Bristle, large..... 3.25

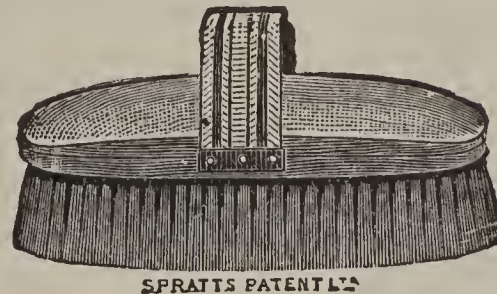
Slanting Bristle Brushes



These brushes are invaluable for Bulldogs, Terriers and other smooth-coated dogs.

- No. 1-25. Slanting Bristle Brush, with handle (as illustrated)\$1.50
No. 22. Slanting Bristle Brush, small (as illustrated). 1.50

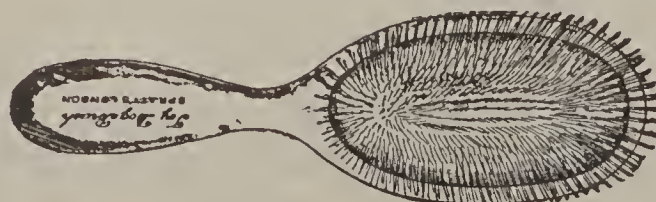
Whalebone Brushes



Suitable for Collies, St. Bernards, Setters, and other rough-coated dogs.

- No. 38X. (As illustrated)\$2.00
No. 9. (With handle)..... 1.75
No. 42 1.50
No. 40. (With handle) 1.50
No. 50. (Small for Terrier)..... .85

The "Pneumatic" Toy Dog Brush No. 130



With handle. Stiff bristles, in rubber. As illustrated.
Each\$2.25

"P. H." World's Greatest Animal Conditioner and Worm Expeller. Given to the Animal With Its Food

Seventy per cent of all your live stock losses are caused by worms. Get rid of these profit-eating, blood sucking pests—they keep your animals in a run-down, runty, unthrifty condition. Worms sap their strength, spoil their digestion and make them easy prey to dangerous diseases.

"P. H." is used by the largest dog kennels in this country and abroad. Show dogs are conditioned with "P. H." and are kept in the pink of condition at all times by regular use of "P. H.". Owners of racing greyhounds have found "P. H." a wonderful conditioner and wormer for these dogs that must be in top condition to win.

"P. H." is economical to use, as you will save more than the slight cost of "P. H." in food, as your animal will get the full benefit of its food, thus effecting a suffi-

cient saving in the feed bill to more than pay for the "P. H." used. "P. H." is a positive necessity to every large kennel.

"P. H." is the cheapest form of health insurance that you can secure.

Delivered Prices of "P. H."

1½-lb. tins	\$1.75	28-lb. tins	\$18.75
3½-lb. tins	3.50	84-lb. cases	57.50
7-lb. tins	5.75	112-lb. cases	68.00

DR. LeGEAR'S POULTRY REMEDIES

	Postpaid
Dr. LeGear's Worm Pills (50)	\$0.50
Dr. LeGear's Worm Pills (120)	1.00
Dr. LeGear's Chick Tablets .....	.50
Dr. LeGear's Headlice Remedy .....	.25
Dr. LeGear's Lice Powder .....	.25
Dr. LeGear's Fly and Insect Powder.....	.30
Dr. LeGear's Poultry Worm Powder (4 lbs.).....	1.00
Dr. LeGear's Poultry Prescription, 1¼ lbs., 25c; 3 lbs., 50c; 7 lbs., \$1.00; 25 lbs., \$3.00.	
Dr. LeGear's Dip and Disinfectant, by express only. Quart, 65c; gal., \$1.75.	

B. K.

B. K. is a clean, colorless, non-poisonous germ killer. Used in dilution with water. Ten times as powerful a germ killer as undiluted carbolic acid.

B. K. is excellent for sterilizing brooders and incubators. Destroys all strong odors as well as germs.

4 ozs., 30c; 10 ozs., 50c; qt., 90c; 1 gal., \$2.00; 5 gals., \$8.50. B. K. cannot be mailed.

Miscellaneous Preparations

Water Glass. Recommended for use in preserving eggs. One pint will preserve 6 doz. eggs. Cannot be mailed. 1 pt., 20c; qt., 35c; 2 qts., 65c; gal., \$1.25.

"H. W." A liquid tonic and remedy for many diseases of poultry, such as roup, cholera, white diarrhea, etc. Postpaid, 50c and \$1.00.

Squibb Vionate. Vionate supplies plenty of calcium and phosphorus and is a rich source of vitamins B and G. Pregnant and nursing bitches as well as puppies should be fed Squibb Vionate and Squibb Cod Liver Oil. Prices: 2 lbs., \$1.20; 10 lbs., \$5.00; 25 lbs., \$11.25; 100 lbs., \$40.00. By mail, add postage.

Squibb Cod Liver Oil. This Cod Liver Oil is rich in vitamins A and D. Fed with Squibb Vionate to pregnant and nursing bitches, as well as to the puppies, you are assured the proper minerals in the correct proportions to insure good bone, good teeth and a good coat. Prices: 1 qt., \$1.50; 1 gal., \$2.75; 5 gals., \$12.50. Can be sent by express only.

Carbola. Carbola is non-poisonous and non-caustic. It is applied with a brush or sprayer and dries pure white. One pound of Carbola makes 1 gallon disinfecting white-wash cover 200 square feet. By mail, add postage. Trial pkg., 25 ozs., 25c; 5 lbs., 60c; 10 lbs., \$1.00; 50 lbs., \$3.50.

ST. ANDREASBERG BIRD SPECIALTIES

	Postpaid
St. Andreasberg Bird Joy. Per cube.....	\$0.15
St. Andreasberg Bird Seed. Per lb. pkg.....	.25
St. Andreasberg Bird Cordial. Per bottle.....	.25
St. Andreasberg Song Restorer. Per bottle.....	.25
St. Andreasberg Bird Gravel. Per pkg.....	.15
St. Andreasberg Mite Powder. Per pkg.....	.15
St. Andreasberg Bird Salve. Per tin.....	.15
St. Andreasberg Nestling Food. Per pkg.....	.25
St. Andreasberg Nesting Hair. Per pkg.....	.10
St. Andreasberg Shell Producer. Per pkg.....	.20
St. Andreasberg Feather Restorer .....	.25
St. Andreasberg Cuttle Bone, with holder.....	.20
St. Andreasberg Cuttle Bone .....	.10

CAGE ACCESSORIES

Bath House. White enameled tin with removable glass sides. To use, open door of cage and attach. Fits any cage. Bird cannot spill water in cage. Each 25c.

K. R. O. Kills Rats Only is a product that dog owners and poultry raisers are looking for. It is harmless to man, dogs, cats, poultry and other domestic animals. However, K. R. O. is deadly poison to rats and mice. K. R. O. is made of powdered squill which attracts rats and mice. They usually die in the open searching for water. Price, 75c, postpaid.

Azoa. A rat poison of superior merit. Azoa creates a disease, amongst the rats, which is contagious, thereby cleaning them out in wholesale quantities. Postpaid, 50c.

Schilling's Ant and Roach Powder. A product of great merit in eliminating ants and roaches from the house. Postpaid, 25c; 50c; \$1.00.

Nopco Cod Liver Oil is tested both for purity and vitamin potency. Tests are made on rats to prove the presence of vitamins A and D in satisfactory strengths. Prices: 2 qts., \$1.50; gal., \$2.50; 5 gals., \$11.25. F. O. B. St. Louis, Mo.

GOLDFISH SUPPLIES

Spratt's Genuine Wafers. The food in general use for goldfish. Made of finest flour. Price, 10c per pkg.; by mail, 12c.

Eighteen Karat Fish Food. A balanced mixture of animal and vegetable matter for all aquarium fishes. Price, 15c per tin; by mail, 17c.

Universal Fish Food. An imported food consisting entirely of animal matter. Price, 20c per pkg.; by mail, 22c.

Anacharis. The best moss for growing in an aquarium. Grows easily and supplies oxygen and food to the fish. Price, 15c per bunch; by mail, 17c.

Pearl Chips. Pure white, polished white clam shells. No rough edges. Useful in beautifying your aquarium. ½ pt., 10c; 1 pt., 20c; 1 qt., 35c; by mail, add postage at rate of 1 lb. per half pint.

Sprayers That Spray

SPRAY YOUR ORCHARD AND SAVE YOUR FRUIT
Myers Compressed Air Sprayer

An extra heavy material chamber with a 1¾-inch brass tube cylinder attached to the can by means of a heavy brass screw nut.

No. 296. Galvanized	\$6.00
No. 297. Brass	8.50

Perfection Sprayers

A COMPRESSED AIR SPRAYER that is riveted. An extra strong sprayer. The automatic shut-off nozzle is built for high pressure work. Four-gallon capacity.

Galvanized Perfection	\$6.00	Brass	\$8.50
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Junior Perfection. A small compressed air sprayer of the "Perfection" type. Capacity 2½ gallons. \$4.00; postpaid, \$4.25.

Prize Bucket Pump

Double acting, works on both up and down stroke and throws a continuous stream. Can be used with any ordinary pail or bucket. \$3.50; by mail, \$3.75.

Deming's Perfect Success

Has brass ball air chamber to cushion the stream, giving it uniform pressure. Can be fastened to bucket and entire outfit carried from place to place. Comes with 4 feet ¾-inch discharge hose and Bordeaux nozzle. \$6.50; by mail, \$6.75.

Deming's Century Barrel Pump

The "Century" is proof against corrosion, as all working parts are brass; fits the flat head or curved side of barrel. Twin paddle type agitator. Brass discharge "Y" for two leads of hose. \$16.00.

Spray Nozzles

Bordeaux Nozzle	\$1.00	Sprinkling Nozzle	\$0.30
Vermorel Nozzle .....	.80	Male End .....	.25
Imperial Nozzle .....	.40	Female End .....	.25
Y .....	.50	Bend .....	.25

Bamboo Extension Rods—8 feet long

Each, \$4.00; 10 feet, \$4.50; stop-cock, \$1.00.

Myers' Extension Pipe, 4 feet. Each, 35c.

Hand Dusters

The American Beauty Dust Sprayer—The most powerful hand duster made. Has large, powerful bellows, that throws dust to the top of trees. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. Price, \$18.00.

Feeny Duster	\$1.00
Hudson Duster .....	.30
Hudson Duster .....	.85

The Water Lance and Fertilizer Cartridge

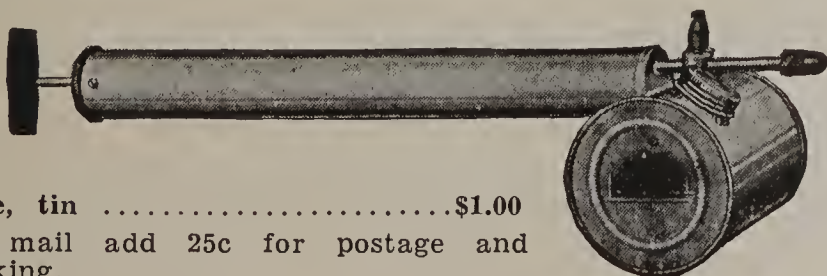
Pays for itself many times over by saving dying trees and shrubs—by cutting wasted dollars off water bills. Penetrates by hydraulic action to roots, delivers water or fertilizer right where needed.

Water Lance and Fertilizer Cartridge, complete with 10 tablets each, Treemuniton and Bloomuniton.....\$3.25

Water lance, only (without Fertilizer Cartridge or Munition)1.75

Fertilizer Cartridge25

Continuous Sprayer

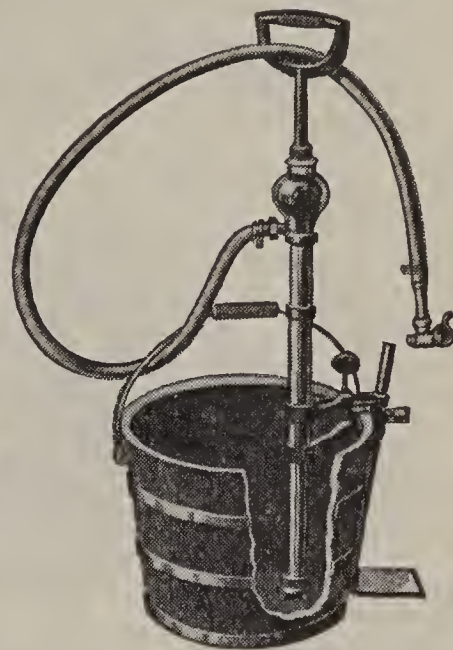


Price, tin\$1.00

By mail add 25c for postage and packing.



Prize Bucket Pump



Perfect Success

Myers Portable Sprayer

R 336B

Made of extra heavy galvanized iron. Capacity, 12½ gallons. Pump has patented cog-gear handles. The valves are brass ball with a brass seat. The dasher agitator keeps the material stirred.

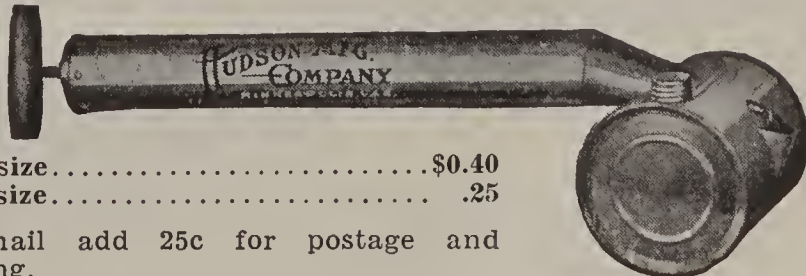
This sprayer comes with 15 ft. ½-in., 5-ply discharge hose, 8 ft. extension and Vermorel nozzle.

Each\$22.50



MYERS BARREL PUMP No. 305B—It has a good leverage, is very powerful and easily operated. Complete with one lead of 15-ft. 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator. Each.....\$13.50

New Misty



1 qt. size.....\$0.40

1 pt. size..... .25

By mail add 25c for postage and packing.

Planet Jr. Farm and Garden Implements

Carefully made of best materials. Save time, labor, money. Specialized tools made by Specialists.

No. 4 PLANET JR. COMBINED HILL and DRILL SEEDER and WHEEL HOE

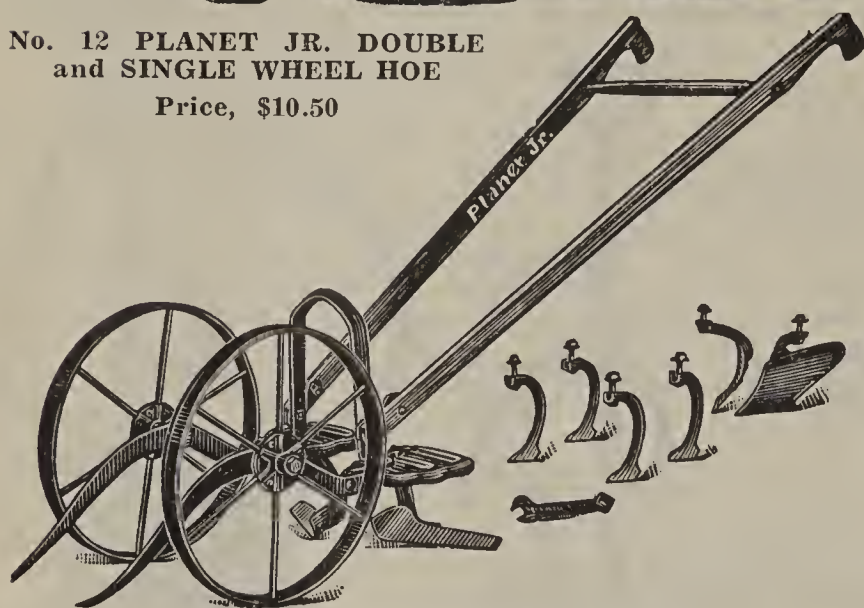
Complete, \$17.50

No. 4D Hill and Drill Seeder, same as the above less the cultivating attachments. \$13.75.

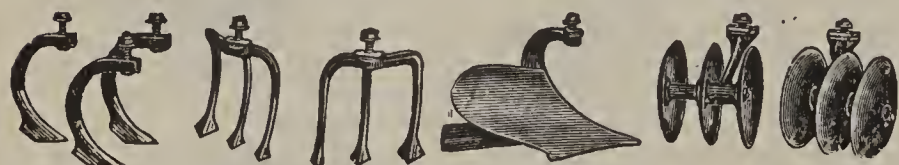


No. 12 PLANET JR. DOUBLE and SINGLE WHEEL HOE

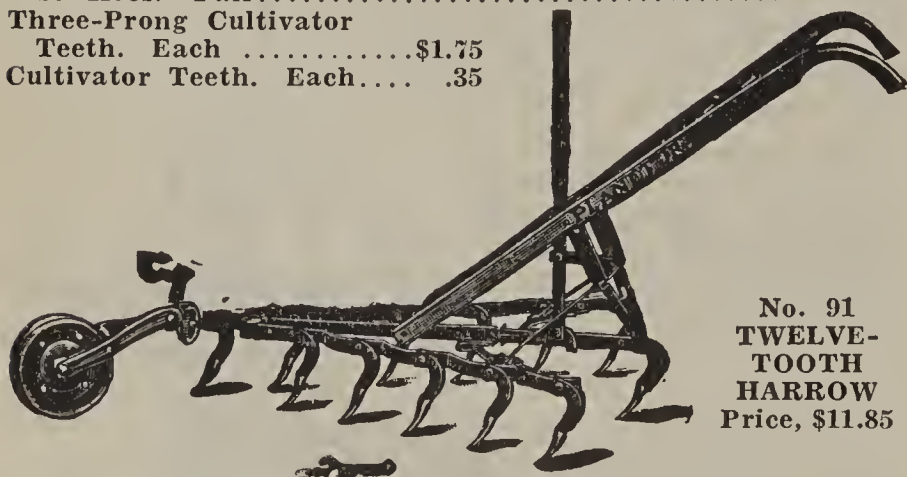
Price, \$10.50



EXTRAS FOR PLANET JR. TOOLS



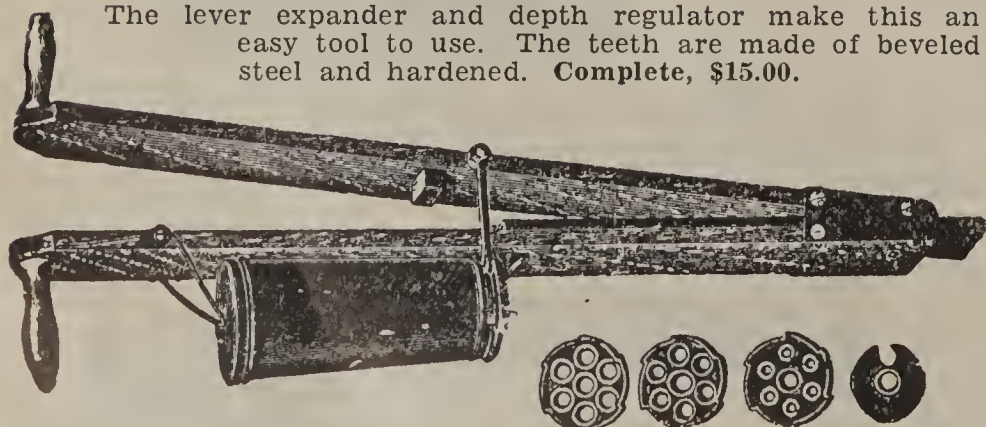
Plow for Single Wheel Hoe. Each.....\$1.50
 S100-101 Hoe. 7½-inch blade. Pair..... 1.50
 Rakes. Each, 3-tooth, 45c; 5-tooth..... .75
 Disc Hoes. Pair..... 3.50
 Three-Prong Cultivator
 Teeth. Each\$1.75
 Cultivator Teeth. Each.... .35



No. 91
 TWELVE-
 TOOTH
 HARROW
 Price, \$11.85

No. 8 PLANET JR. HORSE HOE AND CULTIVATOR

The lever expander and depth regulator make this an easy tool to use. The teeth are made of beveled steel and hardened. Complete, \$15.00.



Corn Planter. The Eclipse Rotary has positive feed. Four changes of disc (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to replant drilled corn. Each.....\$2.00

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. A favorite among market gardeners, onion growers, or large gardeners. It is a perfect seeder and combined double and single wheel hoe. No. 25 complete, \$21.50.

Planet Jr. No. 3 Hill and Drill Seeder. The hill dropping is simple and reliable, making hills either 4, 6, 8, 12, or 24 inches apart. 15-inch steel driving wheel. Holds 3 quarts of seed. Weight packed, 44 lbs. \$17.50.

No. 13 Planet Jr. Double and Single Wheel Hoe has same frame, wheels and handles as Nos. 11 and 12, but has for equipment one pair of 6-inch hoes only. \$7.90.

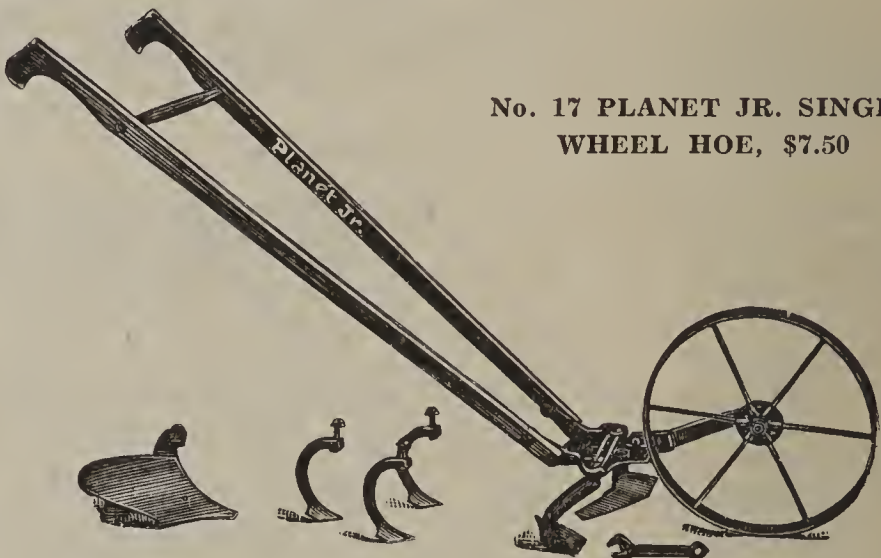
No. 17 Planet Jr. Single Wheel Hoe. These Single Wheel Hoes have steel frames and 15-inch steel wheels. \$7.50.

No. 19 Garden Plow and Cultivator. Equipment: 1 1¼-inch cultivating tooth; 1 4-inch cultivating tooth; 1 garden plow; 1 reversible combination of scuffle blade and 3 cultivating teeth. 24-inch steel wheel. \$4.75.

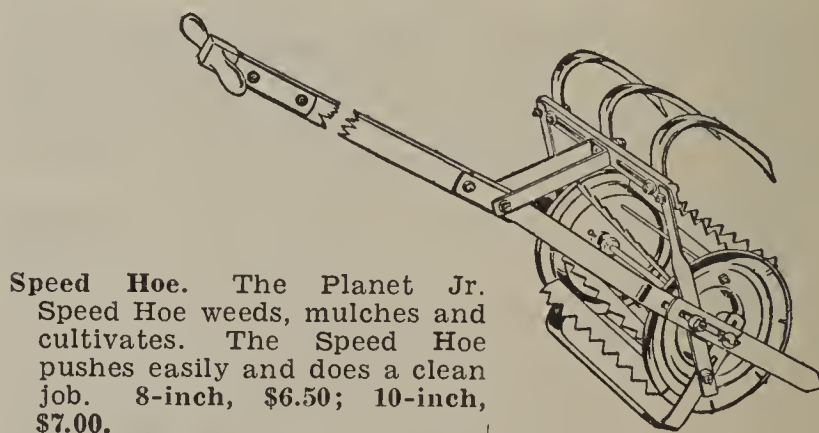
Firefly Garden Plow. Exceedingly useful to owners of small gardens, throwing a furrow four to six inches wide and three inches deep. \$4.25.

Star Pulverizer, Cultivator and Weeder. The star discs break up the ground and the oscillating blade pulverizes it at the same time. It cuts a width of eight inches. \$2.85.

Planet Jr. Jiffy Hoe, \$2.00.



No. 17 PLANET JR. SINGLE WHEEL HOE, \$7.50



Speed Hoe. The Planet Jr. Speed Hoe weeds, mulches and cultivates. The Speed Hoe pushes easily and does a clean job. 8-inch, \$6.50; 10-inch, \$7.00.



Cyclone Seed Sowers. The hopper or sack has a capacity of ½ bushel. It sows with ease to the operator, all varieties of grain and grass seeds perfectly even. Each, \$1.75; postpaid, \$1.90.

Lightning Tin Horn Seed Sower. Has long tin sectional tube, having sack attachment; also has adjustable feed for different grains and quantities. Each, \$0.90; postpaid, \$1.00.

Garden Implements



Asparagus Knife

Highest grade crucible steel, highly polished blade. 7 $\frac{3}{4}$ inches long, 1 $\frac{1}{4}$ -inch blade. Fastened by two rivets in highly polished hard wood handle. Each\$0.25



Beet Hoe

A handy little tool for gardeners to thin out lettuce, beets and other small vegetables. 8-inch handle. Each..\$0.45



Socket Garden Trowel No. DST.

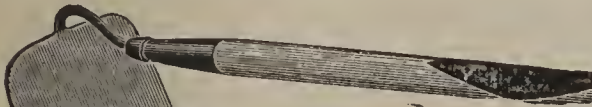
Blade forged from one solid piece of high-grade steel, tempered and polished\$0.90
Stanley Trowel15



Warren Hoe

No. W7

For opening seed rows, covering seed, hilling, cultivating and weeding. Has more uses than any other hoe made. Each\$1.15



Garden Hoe

Highest grade crucible forged steel, oil tempered polished blade. 6 $\frac{1}{2}$ -inch blade. Each\$1.10

Garden Dibble

All iron; is used for transplanting small plants. Has polished steel point. Each\$0.65



Hand Spading Fork

These forks are well made. The tines are polished about half-way and adjoining part enameled blue. 11 inch. Each\$0.35

Sure Grip Weed Puller

Each\$1.00

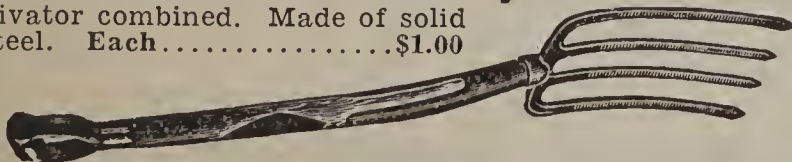
4 Edge Utility Hoe

Each\$0.75

**Acme
Weeder
or Hand
Cultivator**



Hoe and cultivator combined. Made of solid steel. Each.....\$1.00



Fork. Digging or spading, 4 tines. Strap ferrule. Gardeners everywhere are adopting spading forks in place of solid blade spades; the forks not only turn up the soil, but at the same time break it up so that cultivation is much easier.....\$1.50

Withington 3 prong Fork, long handle..... 1.00

Spade. Is made from the best tempered steel, fitted with select ash handles. Each.....\$1.75

Tree Pruners, Waters'. The best pruner on the market. 8 ft., \$1.85; 10 ft., \$2.10; 12 ft.....\$2.25

Extra blades, each.....\$0.50



Garden Rake

All steel, with short teeth, for walks and driveways. 16 teeth.

Each\$1.20

Dandelion Rake or Crab Grass Rake

Each\$1.00

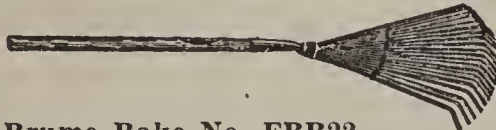
Snap Tooth Rake

19 tooth. Each.....\$0.85

7 tooth. Each..... .65

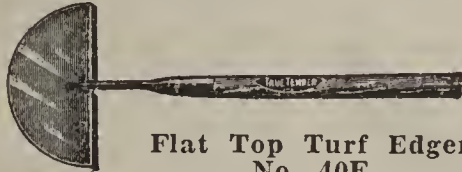
Rake, Ole Olson Wooden

Each\$1.00



Brume Rake No. FBR22

A light, strong lawn broom, with flat, tempered spring steel teeth. Also used for gathering excelsior or litter from factory or store floors. Each.....\$0.85



Flat Top Turf Edger No. 40F

This turf edger has the upper edge of the blade turned over to furnish a flat surface for the foot.

Each\$1.15

Imperial Turf Edger

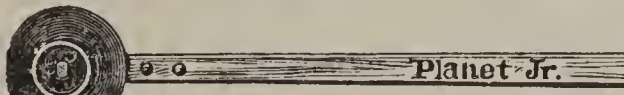
Each\$1.15



Potato Hook

Highest grade crucible forged steel tumbled finished prongs, oil tempered and carefully tested; bent head.

Each\$1.10



Edger, Planet Jr. Each.....\$1.50

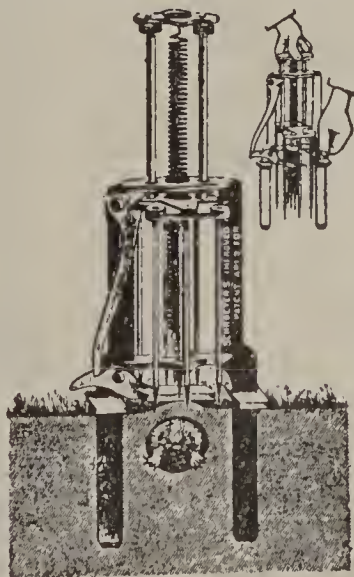


MOE'S LINE

No. 82. Garden Weeder. One-piece pressed steel. Handsomely finished in black baked enamel. Has five steel fingers, and is one of the most useful and handiest garden tools made. Each\$0.10

Mole Trap

Is designed particularly for the trapping of Ground Moles.....\$2.00



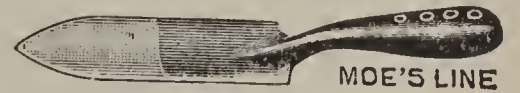
NO. 1 IMPROVED MOLE TRAP

ALL-STEEL GARDEN TOOLS



MOE'S LINE

No. 80 Garden Trowel. One piece pressed steel. Handsomely finished in black baked enamel. Length of blade, 6 in. Ground and polished points. Shipping weight, 1 lb. Each\$0.10



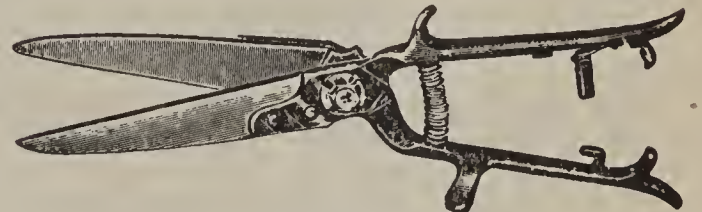
MOE'S LINE

No. 81. Transplanting Trowel. One piece pressed steel. Handsomely finished in black baked enamel. Length of blade, 6 inches. Width, 1 $\frac{3}{4}$ inches. Each\$0.10



No. 87. Hand Weeder, made of one piece of hard, stiff steel. Ground edges and baked black enameled handle. Enameled in bright colors. Price, each\$0.15

Garden Set. Three pieces; shovel 6x4 $\frac{3}{8}$ -inch blade, 42-inch handle; hoe, 4x3 $\frac{1}{2}$ -inch blade, 48-inch handle; rake, 5 $\frac{3}{4}$ -inch head with 6 2 $\frac{1}{4}$ -inch bent teeth. Set.....\$2.00



Grass Shears

For trimming edges on walks or borders. The best made. Each....\$0.85
Goodwin Grass Shears. Each.... 1.25



Pruning Shears

Very strong steel blades and good spring. Each: No. 30, 75c; No. 130, \$1.00; No. 172, \$1.50.



Pruning Saw

Highest grade crucible steel, wood handle. 14-inch blade. Each\$1.10

Henry Disston Combination Pruning Saw. Each.....\$3.25

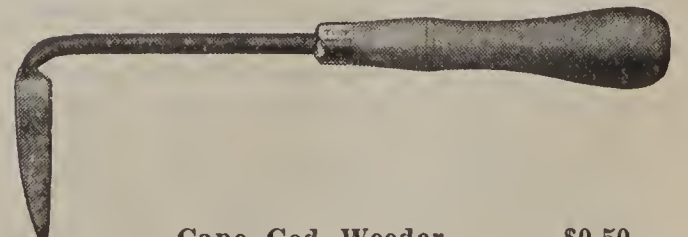
Rhodes Tree Pruner

Each\$4.50

Seymour Tree Pruner

Each\$2.50

Hedge Shears, No. 54. 9 inch, with notch. The "notch" is at the heel of the blades, for cutting small branches\$1.75
6 inch, No. 34..... .90



Cape Cod Weeder.....\$0.50

GARDEX

GARDEX PULL HOE

With an easy pull, the sharp V-Shaped Blade bites into the ground.

As you walk along, the soil flows over and through the side guards which also protect plants when doing quick, close work. Thus it weeds and cultivates in one operation, leaving soil finely mulched just where you want it, without exposing moist soil to sun. No weeds can escape and it gets most of them out by the roots. Made of Special High Carbon Steel for lasting service. Polished Blade.

No. 1004—4 inches wide, 4½ foot Handle. Price.\$0.95

No. 1005½—5½ inches wide, 5 foot Handle.

Price 1.10

GARDEX CULTI-CLAW

Just the tool for Flower and Rock Gardens. With the long handle, you can get at those inaccessible places—close to plants—in between rocks—under shrubbery. You don't have to stoop, bend or get down on your knees and it cultivates thoroughly.

No. 180—4½ foot Handle.....\$0.95

GARDEX CULTIVATOR

3-PRONG

For large or small gardens, this easy to operate tool is unsurpassed. The position and construction of the High Carbon Steel Tines cause them to penetrate any soil with ease as they loosen and cultivate the ground thoroughly. Even a child can do perfect work with this New Cultivator. Excellent quality and attractive low price.

No. 150-3—4½ foot Handle. Complete price..\$0.75

GARDEX TURF EDGER

Now you can edge your lawns, flower beds or borders as fast as walking and do a neater job. This New Edger cuts turf vertically and horizontally in one operation working forward or backward. By tilting to 45° angle, it cuts clean V-shape groove between sidewalk and lawn. Wing blade also used to lift sod out as it cuts.

No. 400—4½ foot Handle.

Price\$1.15

GARDEX JR. WEEDER

Gets Between Plants 1 Inch Apart

Ideal for apartment dwellers—small home gardens. Handy tool for flower boxes, hot beds, flower beds, cold frames, borders, hedges, etc. Blade sharpened both sides up to handle.

No. 700—4 inches wide, 7 inch Handle.....\$0.25



"Soil-Flow"

GARDEN TOOLS



1-PRONG MIDGET CULTIVATOR

For narrow places in between and close up to plants. Ideal for seedling boxes, hot-beds and rock gardens. Easily penetrates soil even in smallest corners.

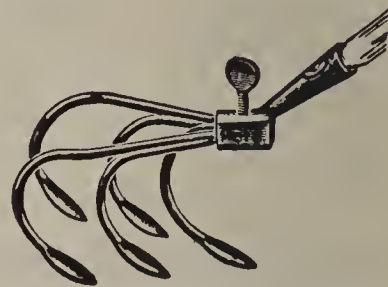
No. 710—15 inches long. Price.....\$0.25

GARDEX

QUICK-CHANGE CULTIVATOR

7 TOOLS IN 1

This modern tool has only 4 removable parts, one wing screw for quick change that any child can make by hand—compared with old style 5-prong cultivators which have 17 different parts and require a wrench and much time to make changes.



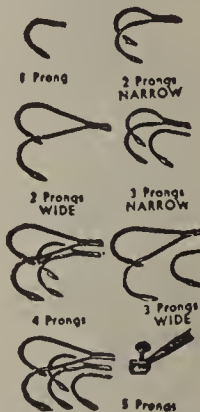
No. 1605

Twist of WING SCREW and Change Is Made in 10 SECONDS.

No. 1603—3 Prong ¾ in. to 4¼ in.\$1.15

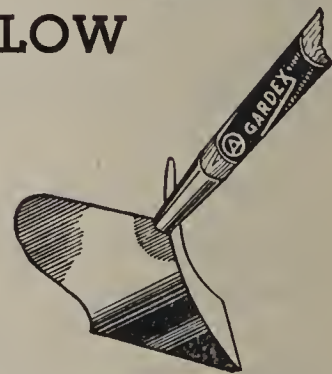
No. 1605—5 Prong ¾ in. to 7 in. 1.35

No. 160-P—Outer Prongs (1 pair)20



GARDEX HAND PLOW

For hilling corn, potatoes, plants, etc. Covering furrows and making irrigation ditches around gardens. With an easy pull it digs in and works well in light or heavy soil. Made of High Carbon Steel, polished mold boards.



No. 2006—6 inches wide, 5 foot Handle. Price..\$1.60

GARDEX ROW MARKER

For lining up rows, seed beds and marking out squares for Creeping Bent. Blades adjustable to any spacing—just tap out or in—no screws, bolts or wedges needed. High Carbon Steel Blades. Frame strong and durable.

No. 4006—24 inches wide, 6 Blades, 5 foot Handle.

Price\$1.75



GARDEX 3-PRONG MIDGET CULTIVATOR

Excellent tool for loosening and aerating soil in small flower beds.

No. 713—2¾ in. wide, 16 in. long.

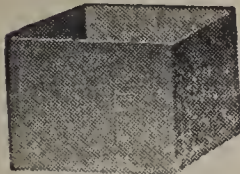
Price\$0.40





BIRD'S IMPROVED NEPONSET
FLOWER POTS

In. Diam.		Weight per 100	Doz.	100	1000
2 1/4	Red	2 lbs.	\$0.10	\$0.55	\$ 4.45
2 1/2	"	2 lbs.	.10	.65	4.95
3	"	2 lbs.	.18	.80	6.30
3 1/2	"	3 lbs.	.20	1.00	8.25
4	"	4 lbs.	.23	1.25	10.50
5	"	7 lbs.	.30	1.80	14.25
6	"	10 lbs.	.45	2.50	19.25



POT PLANT BANDS
Ready to Use

Remember! Square bands and pots have nearly twice the cubic capacity of round pots of same diameter.
All bands packed 250 to a carton. Weight, per carton, 2P, 4 Lbs.; 3P, 7 Lbs.

	Size	Height	250	1000
2P	2x2 inches	2 1/2 inches	\$1.25	\$4.00
3P	3x3 inches	3 inches	1.60	6.00



CEDAR
TREE TUB

CEDAR TREE TUBS

Made of the very choicest seasoned cedar, highly finished with black hoops; will last as long as cypress tubs.

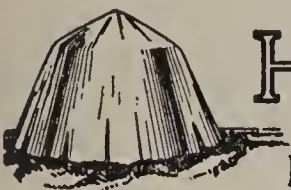
No.	Diam. In.	Height In.	Each
1	12	10 1/2	\$1.65
2	13	13	2.05
3	14 1/2	15	2.65
3 1/2	16 1/2	15 3/4	3.25
4	19 1/2	17	4.10

RICHMOND STYLE TREE TUBS

These Tree Tub are made of the same selected Virginia White Cedar, bound with flat steel hoops.



No.	Diam.	Depth	Each
1B	6 inch	6 inch	\$0.55
4B	9 inch	9 inch	.65
5B	10 inch	9 inch	.80
6B	11 inch	10 inch	.95
7B	12 inch	11 inch	1.15
8B	14 inch	12 inch	1.45



Germaco
Hotkaps
New Method of
Plant Protection

Hotkaps are waxed paper cones easily set out in quantities over seeds or growing plants. They guard against rain, frost, cold, winds, hail, birds, and insects, and maintain perfect mulch. Growth is forced and yield is increased 10 to 25 per cent. Crops mature 2 to 3 weeks earlier and bring premium prices. Prices not prepaid.

25 (2 lbs.) with paper setter	\$0.50
100 (3 lbs.), \$1.25	250 (8 lbs.) 2.90
1,000 (28 lbs.), \$9.75 per M.	5,000, per M. 9.65
100 with setter and tamper (5 lbs.)	2.40
250 with setter and tamper (9 lbs.)	3.65
Steel Setter and Tamper (4 lbs.)	1.50
Garden Setter	50c
Steel Tamper	25c

By mail, add postage for your Zone.

THE PERFECTO SELF-WATERING
FLOWER BOXES

Enameled in Green or Old Ivory finish	Each
26 inches long, 6 in. deep, 7 in. wide	\$1.50
32 inches long, 6 in. deep, 7 in. wide	2.00
38 inches long, 6 in. deep, 7 in. wide	2.50
44 inches long, 6 in. deep, 7 in. wide	3.00

Cannot be sent by mail.

RUBBER PLANT SPRINKLER

Plant Sprinkler. Made of the best rubber. Used for spraying house plants, sprinkling clothes, etc. Price, each, 50c.
Putty Bulb. The best appliance for distributing putty. Used by a large number of leading florists. Price, Each, \$1.00.

E-Z Wear Garden
Gloves, made from
imported leather, out-
wear six pair fabric
gloves. Pair, 75c.

National
Ezy Wear
Garden Gloves

KNEE PADS

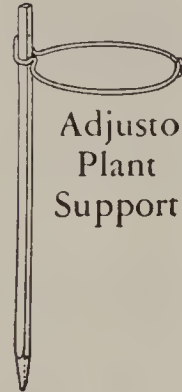
Fits any knee and will not slip down when walking. Solid black rubber surface provides durability and long wear, while the air-sponge rubber interior cushions and protects the knees. Pair, \$1.00.

PLANT STAKES AND SUPPORTS

Japanese Bamboo Canes. Dyed Green.							
	Doz.	100	1,000		Doz.	100	1,000
1½ feet..	\$0.05	\$0.30	\$2.00	3 feet....	\$0.13	\$0.60	\$4.75
2 feet..	.08	.40	2.50	4 feet....	.13	.75	6.00
2½ feet..	.08	.50	3.50	5 feet....	.15	1.00	9.00

NATURAL CANE STAKES

6 feet	doz., \$0.15; 100, \$1.00; 1,000, \$9.50
Chinese Tonkin Cane. These are Chinese canes, very strong and heavy. 1/2-inch diam.	
	Doz. 100
4 feet	\$0.35 \$2.50
5 feet	.40 3.50
6 feet	.60 4.00



Adjusto
Plant
Support

ADJUSTO PLANT SUPPORTS

Unexcelled for Tomatoes, Dahlias, Delphiniums, Hollyhocks, Etc.

Consists of a sturdy 7/8-inch square stake, pointed at one end, stained green and equipped with a strong, green enameled spring wire loop, adjustable to any height with growth of plants. Adjusto Supports are usable for years.

Height	Doz.
3 feet	\$1.90
4 feet	2.15
5 feet	2.40
6 feet	2.70

TIMESAVER PLANT SUPPORT

A long lived, low priced, completely adjustable support, all metal parts being galvanized. Can be adjusted as to height and size of loop almost instantly.

	Doz
No. 2—3 feet	\$1.20
No. 3A—4 feet	1.65
No. 4—5 feet	1.85

POT LABELS AND PLANT MARKERS

	100	1000		100	1000
4 inch	\$0.25	\$1.75	8 inch	\$0.40	\$3.25
5 inch	.30	2.00	10 inch	.45	4.00
6 inch	.35	2.50	12 inch 1 1/8 in.	1.00	8.50
Tree Labels—3 1/2 x 5/8 in., 100 for 30c; per 1000 \$2.00					

RAFFIA AND REED

Natural, lb., 40c; skein, 10c. Colored, 1/4 lb. skein, 35c; 1 lb. pkg., \$1.25. Postage extra.

Reed. Used for basket making, lattice work, etc.

No.	1 roll	1 lb.	No.	1 roll	1 lb.
No. 1	\$0.15	\$1.15	No. 4	\$0.15	\$1.00
No. 2	.15	1.10	No. 5	.15	.95
No. 3	.15	1.05	No. 6	.15	.90

By mail, add Postage, 10c per lb.

BASKET BOTTOMS

Veneered Basket Bottoms for reed weaving. Well sanded and holes properly bored to fit uprights.

3-inch Round	\$0.10
4- " "	.13
5- " "	.15
6- " "	.18
8- " "	.25
10- " "	.40
12- " "	.45
3x 6-inch Oval	.15
4x 8- " "	.15
6x10- " "	.35
8x14- " "	.45
10x16- " "	.55
12x20- " "	.80

WIRE HANGING BASKETS

10-inch	\$0.35
12-inch	.45
14-inch	.60

Parcel Post, add 15c each for postage.

Sheet Moss. For hanging baskets, bundle for 12-in. basket, 35c.



Insecticides and Fungicides

Acme All Around Spray. Combination spray for combating chewing insects, sucking insects and blight and fungous diseases. Complete spray guide enclosed in each package showing use on flowers, plants. Contains Arsenate of Lead, Bordeaux Mixture and Nicotine Sulphate. Price: ¼-lb. carton, 35c; 1-lb. carton, 80c.

Acme Ant-Kill. Is the product of exhaustive research and testing to make it as highly desirable as possible. Prices: 2 ozs., 20c; 3 ozs., 30c.

Acme Aphis Spray. A combination of nicotine and soap, effective against aphis and other sucking insects. Price: 3-oz. tube, 35c; 12-oz. can, 95c.

Acme Dusting Sulphur. A specially prepared sulphur of extreme fineness, effective against blight, mildew, rust and fungous diseases. Price: 3-lb. sifter top package, 45c.

Acme Two-Way Spray. A combination of Bordeaux and Arsenate of Lead, for fungous diseases and chewing insects. Price: ½ lb., 20c; 1 lb., 35c; 4 lbs., 75c.

Antrol. The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. Antrol sets containing four containers and one 4 oz. bottle of syrup, 75c. Antrol extra containers, each 10c. Antrol Syrup, 4 oz. bottle, 35c; pints, 85c; gallons, \$3.50.

Antrol Ant Powder. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Price: Each, 20c.

Antrol Ready Filled Sets. Consisting of four patented glass "feeders" filled with regular Antrol Syrup. Price: Per set, 40c.

Aphis Punk (22½% Nicotine). For fumigating greenhouses. This paper gives off dense fumes deadly to aphis, thrips and midge. One sheet takes care of 6000 cu. ft., air space. Price: Carton, 12 sheets, 90c; case of 12 cartons, \$8.00.

Arsenate of Lead Powder. The best known and most extensively used stomach poison for insects. It is safe to use on most plants. For general use, 1 pound to 50 gallons of water, or 3 teaspoonsful to 1 gallon of water. Price: ½ lb., 20c; 1 lb., 35c; 4 lbs., 75c; 12 lbs., \$2.00; 24 lbs., \$3.75.

Black Leaf "40". A concentrated solution of nicotine sulphate. Black Leaf "40" mixes readily with water, does not injure foliage. Destroys aphis, thrips, and leaf hoppers. Price: 1-oz. bottle, 35c; 5-oz. bottle, \$1.00; 1-lb. bottle, \$2.25; 2-lb. tin, \$3.25; 6-lb. tin, \$5.85; 10-lb. tin, \$10.60.

Bordeaux Mixture Powder. For blight, mildew, rust and fungous diseases. For ordinary use it takes 6 pounds to 50 gallons of water. Price: 1 lb., 30c; 4 lbs., 65c; 24 lbs., \$3.50.

Cyanogas (A Dust). A dry powder, ready to use without any mixing, that gives off a gas effective against ants, rats, mice, moles, grasshoppers, locusts, gophers, fleas, etc. Detailed directions with every package. Cannot be mailed. Price: ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00.

Cyanogas Cyanide "G". Greenhouse fumigant for aphis, white fly, thrips, soft scale and mealy bug, and control for crop-destroying rodents. Price: 5 lbs., \$3.00; 25 lbs., \$10.00.

Dan-D-Lion Killer Kemical. A chemical several drops of which are deposited on the crown of the plant causing the plant to wither and die. A special cane for greater ease in applying is recommended. This cane permits only the required amount to drop out of the case. Price: qt., 85c; ½ gal., \$1.25; 1 gal., \$2.00; 5 gals., \$7.95. Killer Kane, \$1.00.

Destruxol. A contact and fumigating spray for insects, such as black, green and woolly aphis, red spider, thrips, leaf roller hoppers and mealy bugs. Price: 1 oz., 40c; 2 ozs., 65c; 4 ozs., 90c; ½ pt., \$1.75; 1 pt., \$2.60; 1 qt., \$4.85.

Dogzoff. A liquid to be sprayed around the lower branches of shrubs, flower-beds, and evergreens to keep dogs away. Price: 60c.

Dutox—The Non-Arsenical Insecticide. For Mexican bean beetle, striped cucumber beetle, tobacco flea beetle and other flea beetles, also cabbage hopper and corn ear worm and bean leaf roller. Use from 1 to 1¼ pounds of Dutox to 50 gallons of water to control beetles, weevils and leaf-eating insects. Price: 1 lb., 35c; 6-lb. bag, \$1.40.

Ever Green. Non-poisonous insecticide. Price: 1-oz. bottle, 35c; 6-oz. bottle, \$1.00; 16-oz. bottle, \$2.00; 1 gal., \$11.00.

Fish Oil Soap. Used as a wash during the summer to prevent spread of scale. Destroys sucking insects and plant lice. Price: 1 lb., 45c; 5 lbs., \$1.50; 10 lbs., \$2.75.

Flowers of Sulphur. Used to check mildew and fungous diseases. Price: 1 lb., 10c; 5 lbs., 45c; 10 lbs., 75c.

Grafting Wax. Used for grafting. Also good to rub over any wounds that are made on the bark or in pruning. Price: ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c.

Grape Dust (Hammond's). Used as a dust to check mildew, dry rot and other fungi. Price: 1 lb., 40c; 5 lbs., \$1.50.

Iron Sulphate. 1½ lbs., 15c; 6 lbs., 50c; 12 lbs., 85c; 24 lbs., \$1.50. For killing chick weed, use 1½ lbs. to 1 gal. of water.

Lime-Sulphur Powder. Used as a dormant spray against scale insects. Use 10 to 12 pounds to 50 gallons of water. Price: 1 lb., 35c; 5 lbs., \$1.25; 12½ lbs., \$2.00.

Massey Dust. For control of insects and fungus diseases on plants. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.40.

Naptocide. New plant and bulb fumigant, effective against thrips, wood lice, sow bugs, wire worms, etc. Use 1 lb. to 100 sq. ft. bench space in greenhouses, or 2 lbs. per 100 sq. ft. area when used outside. Price: 10 lbs., \$2.00; 25 lbs., \$4.00.

Nikoteen Liquid. An effective spray when mixed with 500 parts of water. Death to aphis, green fly, spider, mealy bug, thrips and many other forms of flower, fruit and vegetable lice. Price: 30% strength—small bottles, 30c and 50c; ½ lb., 95c; 1 lb., \$1.75. 40% strength—4 lbs., \$5.50; 8 lbs., \$10.00.

Nikoteen Powder (15% Nicotine). For greenhouse fumigation. Three ounces take care of approximately 7000 cu. ft. air space. Price: 5-lb. tin, \$3.35; 10-lb. tin, \$5.85.

Nicotinum (Nicotine Sulphate 40%). For spraying fruit trees, shrubs and plants in the control of aphis and other soft-bodied, sucking insects. Excellent for eradicating poultry lice. Price: 1-oz. bottle, 35c; ½-lb. tin, \$1.20; 2 lbs., \$3.10; 5 lbs., \$5.75; 10 lbs., \$10.15; 5 gallons, \$36.00.

Paradichlorobenzene. Comes in crystals to be applied around the base of tree, in the fall of the year, to destroy borers. Price: 1-lb. can, 45c; 5-lb. can, \$2.00; 10-lb. can, \$3.50.

Paris Green. Paris Green is a strong and best known poison for potato bugs. Price: ¼ lb., 15c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

Plantgard. A safe, effective, non-poisonous powder for vegetables and flowers. Both an insecticide and fungicide. Effective against cabbage worms, cucumber beetles, etc. Price: 10 oz., 15c.

Pomogreen (with Nicotine). For controlling leaf eating insects, sucking insects, (aphis), and many plant diseases. Price: 1-lb. can, 75c; 5-lb. can, \$3.00.

Pomogreen (without Nicotine). A dust for control of mildew, black spot and chewing insects. The color is leaf green which eliminates discoloring of foliage. Price: 1-lb. can, 50c; 5-lb. can, \$1.75.

Red Arrow. Non-Poisonous, kills by contact, will not burn or stain tenderest foliage. One ounce will make 4 to 8 gallons spraying solution. Effective against red spiders, mealy bugs, Mexican bean beetles, and other hard-to-kill pests. Price: 1-oz. bottle, 35c; 4-oz. bottle, \$1.00; 1-pt. bottle, \$2.50; 1-qt. can, \$4.00.

Rotocide. Does not spot, discolor, burn or in any way affect the most delicate foliage. By virtue of its double action killing insects and parasites either by contact or through the stomach—will eliminate both chewing and sucking insects rapidly and efficiently. Price: oz., 35c; 8 ozs., \$1.00; pt., \$1.75; qt., \$3.00; gal., \$8.00.

Scalecide. A dormant spray for scale. Mix 1 part with 15 parts of water. Price: qt., 65c; gal., \$1.55; 5 gals., \$5.50; 10 gals., \$9.50; 30 gals., \$21.00; 50 gals., \$29.00.

Slugshot. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, chicken lice, slugs, sow bugs, etc. Price: Cartons, 25c; 5 lbs., \$1.00.

Snarol. Will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. These features distinguish it from ordinary controls and make Snarol popular with professional gardeners and nurserymen. Price: 1½-lb. pkg., 35c; 4-lb. pkg., 85c; 15-lb. bag, \$3.00.

Sulfocide. A summer spray for scale. Price: 1 pt., 50c; 1 qt., 85c; 1 gal., \$2.25; 5 gals., \$7.50.

Terro Ant Killer. A syrup that is placed on chips of wood or cardboard. Ants will be active for a short time but the entire colony will be cleaned out within 24 hours as the worker ants take the poison back to the nest where the queen ant is destroyed preventing further propagation. Price: 50c per bottle.

Tero-gen. An autumn-winter soil treatment for roses. Tero-gen will strengthen your plants, assisting them in warding off many troublesome diseases and imparting renewed vigor to them. A 10-lb. tin will cover 100 sq. ft. of soil. Price: 1-lb. tin, 75c; 2-lb. tin, \$1.25; 5-lb. tin, \$2.75; 10-lb. tin, \$4.75.

Tobacco Dust. For aphids. Price: 100 lbs., \$3.50.

Tree Paint (Pine Tar). For painting on wounds after pruning. Price: 1 pt., 30c; 1 qt., 50c; 1 gal., \$1.75.

Tree Tanglefoot (Caterpillar Paste). A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. Price: 1-lb. can, 50c; 5-lb. can, \$2.35; 10 lbs., \$4.50; 20 lbs., \$8.75.

Tri-Ogen. The all-purpose spray. A positive plant protection. This complete rose garden spray treatment—Tri-Ogen—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks. Tri-Ogen also stimulates plant growth, resulting in fine foliage and luxuriant blooms. Tri-Ogen is offered in four sizes:

- A. Small Kit (makes 16 quarts), \$1.50. Protects 12 to 20 roses for season.
- B. Medium Kit (makes 64 quarts), \$4.00. Protects 50 to 80 roses for season.
- C. Large Kit (makes 32 gallons), \$6.00. Protects 100 to 160 roses for season.
- D. Estate Kit (makes 128 gallons), \$20.00. Protects 400 to 600 roses for season.

Volck (Nursery). The scientific insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Price: ½ pt., 35c; 1 qt., 75c; 1 gal., \$2.00; 5 gals., \$6.25.

Weed Killer (Hammond's). Kills weeds in gutters, roads, paths, tennis courts, etc. Will not discolor cement. Easier and less expensive than hoeing and digging. Use 1 part Weed Killer to 50 parts water. Price: 1 qt., 50c; 1 gal., \$1.50; 5 gals., \$6.25; 30 gals., \$30.00.

GRANULATED IMPORTED PEAT

Used for Top Dressing on Lawns and for Mulching Bulbs, Shrubs and Roses

Granulated peat moss is a light brown colored virgin soil formed years ago by the growth and decay of mosses (mostly Sphagnum) and various aquatic plants, in and along the shores of fresh water lakes. It is a soil medium that is free from fungus and free from weed seeds, highly absorbent and retentive of moisture, rich in carbonaceous matter, and has no detrimental mineral content.

Established lawns should be covered ½ inch deep with Granulated Peat Moss in the late Fall. It will almost disappear by Spring. If the Fall covering has been omitted cover lightly in the Spring and occasionally during the growing season. It soon works in about the grass roots.

Large bale, about 150 lbs. (covers 290 square feet one inch deep). Price, per bale, \$3.00.

Sorbex—Moss Peat. Sorbex is manufactured from a special high quality moss peat—not to be confused with ordinary peat moss. Sorbex will do more than is claimed for good peat moss, it does a super job. Too, Sorbex is ground 25 times finer than any peat moss today. This feature is important—Sorbex, because of it, will blend with soils. Bag, about 70 lbs., \$2.50.

SPHAGNUM MOSS

Extensively used for filling Fern and Orchid baskets, mixing with potting soil, covering tops of pots to preserve moisture, etc. Lb., 15c; bale, about 20 lbs., \$1.75.

FLORIDA HUMUS

Florida Humus is pure soil building organic matter of fertility. It is a water-container—the most highly absorbent type of humus known. It is an ideal medium for the beneficial bacterial action which makes raw plant foods available to plants. Through its high nitrogen content, it is actually a plant food in itself. It provides one of the structural necessities of the soil. 100-lb. crate, \$3.00; 200-lb. crate, \$5.00.



MOE'S FERTILIZER SPREADER

For lawns, golf courses, parks and cemeteries. Run it like a lawn mower. It has a simple and positive feed control.

No. 500. Size at top 12x21-10 in. deep. Holds 40 lbs. of chemical fertilizer. Each, \$6.00.

No. 505. Size at top 16x9½-8 in. deep. Holds 25 lbs. of chemical fertilizer. Each, \$2.75.

VIGORO FERTILIZER SPREADERS

A very durably constructed machine which will spread rapidly and uniformly.

Model B. 14-inch spread.....\$2.50

No. 24. Standard. Spreading width, 24 inches\$9.95

No. 14. Junior, Spreading width, 16 inches\$5.75



DUNHAM LAWN ROLLERS

Lawns should be rolled frequently. The grass is often raised out of the soil due to alternate thawing and freezing.

No.	Diam. Inches	Length Inches	Approx. Wt. Empty	Filled with Water	Each
5	18	24	85 lbs.	265 lbs.	\$14.00
7	24	24	110 lbs.	420 lbs.	16.50
9	24	32	130 lbs.	565 lbs.	19.00

Plant Food for Lawns and Gardens

A Necessity to All Growing Plants

ADCO FOR ARTIFICIAL MANURE

Dry leaves, mixed with **Adco** and kept moist, turn into excellent manure. So do flower stalks, vines, and almost any other kind of non-woody vegetable waste.

Adco is a powder which, mixed with vegetable matter and kept moist, turns the latter into real **Manure**, but without the odor, flies, etc. Directions enclosed in bags. Price, 7½-lb. package, \$1.00; 25-lb. bag, \$2.25.

Sheep Manure. Wizard Brand is highly concentrated sheep manure, uniformly pulverized with all weed seeds killed. Every atom is available for plant use. It is economical and convenient. In making new lawns scatter broadcast 100 pounds to 1500 square feet. Price, 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 80c; 50 lbs., \$1.20; 100 lbs., \$2.00; 500 lbs., \$9.50.

Cattle Manure. Wizard Brand Cow or Cattle Manure is a highly concentrated pulverized pure manure dried by a special direct heat process and packed in bags for convenient use. Has no offensive odor. Highly recommended for roses, shrubs, flowers, vegetables and all growing plants. For new lawns apply 10 pounds to 100 square feet and rake into the surface soil. On established lawns apply at the same rate and scatter just as you would sow seed. 10 lbs., 40c; 25 lbs., 80c; 50 lbs., \$1.20; 100 lbs., \$2.00; 500 lbs., \$9.50.

Garden Mulch (Pure Cow Manure). For your garden and lawn. A natural fertilizer that can be used as a mulch for roses, shrubs, evergreens, peonies, dahlias, gladiolus, lilies and all heavy feeding plants. For liquid manure, use one to two pounds of **Garden Mulch** to five gallons of water and use when watering once or twice a week. 10 lbs., 35c; 25 lbs., 60c; 50 lbs., 85c; 100 lbs., \$1.60; 500 lbs., \$7.00.

Aluminum Sulphate. Gives the soil the acidity necessary for the successful culture of Rhododendrons and similar plants. 5 lbs., 35c; 10 lbs., 55c; 25 lbs., \$1.10; 100 lbs., \$3.60.

Bone Meal. For top dressing for lawns, pastures and meadows; also for use in the vineyard and about fruit trees and bushes. It carries ammonia and phosphoric acid. Use 400 to 600 pounds per acre. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.50; 125 lbs., \$2.85.

Cotton Seed Meal. Rich in nitrogen and potash; suitable for grain crops, but most largely used in lawns. Use ¾ to 1½ tons per acre. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

Floyd's Odorless. After the soil has been thoroughly worked, broadcast one to one and one-half pounds Floyd's Odorless to the square yard and rake into soil. 50-lb. bags, \$1.25; 100 lbs., \$2.00.

Loma. A high-grade plant food for flowers, vegetables, shrubbery and potted plants. 1 lb., 15c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

Milorganite. A unique plant food, scientifically prepared, free from weed seed and all harmful organisms. It is unusually long lasting and easy to apply. It can be applied in generous quantities without danger of burning. 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75.

Muriate of Potash. Improved Potash, once again available, should be used liberally, especially for all root crops. Apply 2 pounds to 100 square feet. 5 lbs., 35c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.15.

Nitrate of Soda. Carries nothing but nitrogen (ammonia)—no phosphoric acid or potash. It is highly stimulating on grass or other vegetation. Lb., 10c; 10 lbs., 55c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.15.

Pulverized Limestone. Used to neutralize acid soil on lawns and gardens. It is made from the purest crystalline white limestone obtainable. Bags of 10 lbs., 25c; 100 lbs., \$1.25.

Super Acid Phosphate. Sixteen per cent available. Bone phosphate, the most available form. Used for grain crops and others requiring an excessive amount of phosphoric acid. 50 lbs., \$1.50; 125 lbs., \$2.10.

Sulphate of Ammonia. Guaranteed 25½ per cent ammonia, highly concentrated, quick acting. Particularly desirable for grass lands and lawns. It is also freely used for grains. 10 pounds covers 2500 square feet or 50 ft. x 50 ft. 5 lbs., 30c; 25 lbs., \$1.00; 100 lbs., \$2.75.

Vigoro. Is a specially prepared plant food. It contains all of the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. It is clean and odorless. Complete directions in every bag. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

ORDER SHEET

[illegible]

Mark Your Flowers and Shrubs for Economy Convenience and Pleasure



Use Brandt's non-rusting, non-corrosive all-metal markers and tags. These markers and tags are easily and permanently marked with a fluid that etches into the metal. They are offered at prices that permit their extensive use.

B-200. A metal-marking fluid that etches the marking into the metal, producing a permanent, easy to read, jet black marking. The fluid is applied with a special pen point. Shipping weight 8 ozs.....1-ounce bottle, 20c

B-201. A general utility tag offering many special features of value to the gardener. Shipping weight for 25—2 lbs.....3 for 10c

B-202. An all-metal $\frac{7}{8}$ in. x $3\frac{3}{4}$ in. insert marker offering new features that make it exceptionally convenient to use, easy to read and permanent. Complete with insert and standard. Shipping weight for 25—2 lbs.....Each, 5c

B-203. A $\frac{3}{4}$ in. x $2\frac{1}{8}$ in. size, all-metal insert marker similar to B-202. Complete with insert and standard. Shipping weight for 25—2 lbs.....4 for 15c

B-204. A non-rusting, non-corrosive metal insert for use with the B-203 holder. Shipping weight for 25—4 ozs.....8 for 5c

B-205. A non-rusting, non-corrosive metal insert for use with the B-202 holder. Shipping weight for 25—8 ozs.....6 for 5c

B-206. A $\frac{3}{4}$ in. x $2\frac{3}{8}$ in. size non-rusting, non-corrosive tag marker for shrubbery and trees. The wire will not produce verdigris, corrode or rust. Shipping weight for 25—4 ozs.....4 for 5c

B-207. Similar to B-206 with the exception of the tag which is $\frac{5}{8}$ in. x $3\frac{3}{4}$ in. size. Shipping weight for 25—6 ozs.....3 for 5c

B-208. An imported stainless steel pen point. It will not rust or corrode when used with the B-200 fluid.

B-209. A non-metallic pen holder made for use with the B-200 fluid and B-208 pen point. Shipping weight for 1 of each, 3 ozs. 1 holder and 1 pen point.....10c

B-210. An all-metal tag marker similar to B-201 with the exception of the shape of the tag. Tag $\frac{5}{8}$ in. x $3\frac{3}{4}$ in. Shipping weight for 25—2 lbs.....3 for 10c

B211. Similar to B-210 with the exception that the tag is $\frac{3}{4}$ in. x $2\frac{1}{8}$ in. size. Shipping weight for 25—1 lb. 12 ozs.....3 for 10c

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